

THE KANSAS INDUSTRIALIST

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Number 1

ENROLMENT INCREASES AS FALL TERM OPENS

ALL BUT ONE DIVISION REPORTS
MORE STUDENTS

Registration Gains 18 Per Cent over
First Semester Last Year—Busy
Week of Activities as
Classes Open

Every division at Kansas State college except graduate study reported an increase in enrolment for the fall semester when classes met for the first time Wednesday, September 12, according to Miss Jessie McDowell Machir, registrar. Miss Machir's preliminary checkup at the close of registration, which this year was shortened to two days instead of three, showed a total registration of 2,678 students, an increase of 18.64 per cent over a year ago. The freshman class, which enjoyed the greatest increase, numbered 992.

Approximate increases by classes are: freshman 282, sophomore 89, junior 7, senior 70. Twenty-three special students are enrolled this year as compared to 42 a year ago.

The registrar's annual official report to the president will not be available until September 30, Miss Machir said.

Although the amount of correspondence and the grade transcripts filed during the summer indicated an increase, the gain of more than 400 was a surprise to most college authorities. Part of the increase is attributed to former students returning after being out one or more years but the great increase in the freshman class is believed to have resulted when many who have been out of high school one or more years awaiting an opportunity, decided to enter college this fall.

Not enough classes were scheduled to take care of all those who registered. As classes filled it became necessary to reopen them. Finally new sections were provided.

Changes in enrolment routine saved time and difficulty. Y. M. C. A. "ask me" men were stationed on the registration floor to aid in speeding up the work. "College Sisters" aided new women students. Teas were held during the day at the college Y. W. C. A. office where old students became acquainted with the women enrolling for the first time.

Opening week activities included the beginning of football practice, a freshman class meeting Friday, September 14, called by President F. D. Farrell, the opening chapel program at the auditorium Wednesday forenoon with Dudley Doolittle of the state board of regents as speaker, the annual watermelon feed and football kickoff at Memorial stadium Thursday night, open house, varsity dances, hikes and picnics, and the reunion of friends. Continuing the following week, activities included a meeting of all freshman men in recreation center and freshman women in Calvin hall at 11 o'clock Tuesday. Wednesday, September 19, all freshmen met in the auditorium at 9 o'clock for the freshman aptitude tests. Freshmen were excused from all scheduled classes for these special meetings.

ASSEMBLY PROGRAMS UNDER NEW PLAN THIS SEMESTER

No More Short Periods—Doolittle
Speaks at First Chapel

Chapel programs for the 1934-35 school year have been arranged according to a new system which has abolished the former "short periods" on chapel day which were familiar to thousands of alumni. Formerly classes were shortened so as to allow an extra period for the assembly program. This year all class periods will be of regulation length and a full hour will be appropriated for the assemblies during which no classes will meet. Ten programs are scheduled for the semester and, under the new plan, the hours and dates have been so arranged that they will not interfere with one class more than once during the entire semester. Heads of departments and student leaders who have assisted in the arrangement of

the program say there will be no assembly program during examination weeks or immediately following vacations.

RESEARCH AND LIBRARY LOSSES HEAVY IN FIRE

Scientific Publications Manuscript and
Data on Experiments Destroyed
with Denison Hall

Loss of private research records and library properties of faculty members, which in many cases represent years of effort and saving and cannot be replaced, constituted one of the greatest losses in connection with the Denison hall fire the night of August 3. The building, constructed in 1902 at a cost of \$70,000, and laboratory equipment of the chemistry and physics departments valued at approximately \$112,000 was destroyed. Records of many experiments were preserved in the vault but many others, property of individual instructors, and having an inestimable value, were destroyed.

Dr. H. H. King, head of the department of chemistry, lost records of an experiment on which he had been working the past five years, magazines and books valued well over \$400 and scientific publications which he had acquired over a period of 20 years. Prof. J. S. Hughes lost Journals of the American Chemical society and other books and publications which would cost hundreds of dollars to replace. Data collected in the past six years for a doctor's degree by Miss Stella Harriss of the chemistry department were destroyed. Similar losses were sustained by nearly every instructor of the chemistry and physics departments, according to Doctor King, who estimated that there was not a faculty member who did not suffer a loss of more than \$100 in personal property.

L. E. Hudiburg of the physics department lost personal belongings valued at \$1,000. Prof. E. R. Lyon of the same department lost charts valued at \$200 on which he and a sister, Miss Jeanne Lyon, had worked for several years. Results on 23 years of research work on sound resonance, some information on advanced mathematical physics courses and instruments which Prof. E. V. Floyd of the department of physics had constructed were destroyed.

Prof. J. O. Hamilton, head of the department of physics, lost the recently completed manuscript for a text in household physics. Valuable property which can only be replaced by many years of work also was lost by other faculty members and research students.

K. S. C. POLAND CHINAS WIN 15 PLACES AT KANSAS FAIR

Two Firsts Included in Awards to
College Bred Hogs

Showing 10 young Poland China hogs in the Kansas Free fair at Topeka this year, Kansas State college won 15 places, including two firsts, four seconds, two thirds, three fourths, two fifths, and two sevenths.

These winnings, according to Prof. C. E. Aubel, who was in charge of the college swine herd, were: first on young herd; first on young herd owned by Kansas exhibitor; second, senior boar pig; second, fourth and fifth, junior yearling sows; second, fourth, fifth and seventh, senior gilts; third and fourth, get of sire; second and third, produce of dam; seventh, junior gilt.

The ribbons were won in a strong Poland China show, Aubel said. All of the college hogs were bred at the college.

Graduate Manager Named

C. J. Medlin, '20, of Manhattan, has been named graduate manager of student publications at Kansas State and will supervise the business affairs of the Kansas State Collegian and the Royal Purple. The publications will continue in charge of student business managers and editors but will be under the direction of the graduate manager who in turn will be responsible to the faculty advisory board.

VOLUNTARY ATTENDANCE OF CLASS RIGHT TO 134

GOOD SCHOLARSHIP BRINGS PRIVILEGE TO UPPERCLASSMEN

Reward for 'B' Average in Minimum of
32 Hours Work Last School
Year—Plan Gives Satisfaction
Faculty Results

Sustained good scholarship last year brings voluntary class-attendance privileges to 134 juniors and seniors at Kansas State college this fall, according to the list announced by Miss Jessie McDowell Machir, registrar.

For several years Kansas State has followed the policy of permitting students who have proved ability and willingness to carry their studies freedom from the requirement of accounting for each absence from class. A check of records over the period has shown that students not bound by the class-attendance rule have an attendance record equal to those held to the requirement.

In order to be placed on the privileged list, a student must have made a "B" grade average or better for each semester of the previous school year and must have made not less than 32 grade points each semester.

THREE RESIGN, ANOTHER LEAVE CHANGES FACULTY

Lyle W. Downey Away for Year, G. T.
Klein, May Miles and Dorothy
MacLeod Quit

Resignations and leaves of absence brought several new people to the Kansas State campus September 1. Others who had been away during the past academic year returned from their work in other colleges and universities. Eleven resignations and 13 leaves of absence were announced in the August 15 issue of THE KANSAS INDUSTRIALIST. Since that time three resignations and two appointments have been announced and a leave of absence granted.

The board of regents granted Lyle W. Downey, assistant professor of music, a sabbatical leave for the academic year to take work toward a doctorate at the Eastman school, Rochester, N. Y. He had been director of the college band and orchestra. During Professor Downey's absence, George E. Henry, graduate of the American Conservatory of Music, Chicago, in 1933, will be a member of the college music department faculty. He has had a summer of study in Paris.

Miss Ruth Haines of Denver, Colo.,

STUDENT AID FUND A REAL BOON TO THOSE DESPERATELY IN NEED OF A FEW DOLLARS

Donors to the Kansas State college campus chest fund during the winter of 1931-32 may rest assured their contributions have been blessed over and over again. The records of Prof. J. O. Hamilton, administrator of what is known as the Student Aid fund—\$500 collected by the campus chest committee that year—show that the original \$500 has been loaned to needy Kansas State students so often that it has had a complete turnover more than six times.

There was a time when the campus chest fund was sent off the campus for charitable or missionary work, some of it to foreign lands. Two years ago, the chest committee, of which Prof. F. L. Parrish is chairman, voted to retain the fund collected that year for use among Kansas State students. Since then there has been no money collected by the committee to replenish the original \$500, but that amount has been working silently.

It is lent in small sums—not more than \$15—to needy students. But a student must be more than needy; must, in fact, be almost desperate for funds. If he needs a meal ticket to avoid missing meals while he awaits money from home, he can borrow, with only his signature, from the Student Aid fund. If he needs a dollar to get to his home for a funeral, the aid fund saves him.

has taken over the duties of Y. W. C. A. secretary on the Kansas State campus following the resignation of Miss Dorothy MacLeod who served as secretary more than four years. Miss MacLeod resigned and was married early in September to Professor Lyle W. Downey of the music department. Miss Haines earned her A. B. and A. M. degrees, with a major in religious education, from the University of Denver, where she served the past two years as graduate assistant in the department of religion.

G. T. Klein, assistant professor of poultry husbandry in the extension division, resigned, effective September 1, to accept a position at Massachusetts State college, Amherst, as extension poultry husbandman. His successor has not been named.

A successor has not been named for the vacancy created when Miss May Miles, district home demonstration agent leader, resigned effective September 1. Miss Miles was married recently to Dr. J. D. Colt, Sr., of Manhattan.

LIST OF OUTSTANDING FIRST YEAR STUDENTS TOTALS 88

Recognition Chapel Planned for Last
Year's Honor Freshmen

An honor list of outstanding freshmen at Kansas State college last year was released recently by Prof. J. O. Hamilton, chairman of the committee on student honors. The list included the names of 88 first year students who last year maintained a grade average of "B" or higher, which means that all students on the roll maintained a scholarship mark of good to excellent.

To be eligible for the honor a freshman must have been in school both semesters last year. Those who made the honor roll will be recognized this fall in a special recognition chapel sponsored by Phi Kappa Phi, national scholarship organization. Each will be given a scholarship recognition certificate. All sections of Kansas are represented in the list.

Name New Stadium Secretary

Dr. H. H. Haymaker, professor of botany, has succeeded J. V. Cortelyou as secretary of the board of directors of the Stadium corporation, according to announcement made at the annual meeting of the board. Doctor Cortelyou, former head of modern languages, resigned from the stadium board following his retirement from the faculty.

DROUGHT EFFECTIVE IN ERADICATION OF INSECTS

SOME BENEFIT TO FARMER FROM
SEVERE HEAT

Past Season Disastrous for Chinch Bug,
Hessian Fly and Grasshopper—
Entomologists Make Inter-
esting Surveys

The well worn adage, "It's an ill wind that blows nobody good," was again demonstrated this year when surveys were made following the blistering hot winds, searing temperatures and lack of rainfall which resulted in the most severe drought Kansas and many neighboring states ever experienced. Although the season was a severe blow to farmers the survey shows it was devastating to his major enemy—insects.

The past season was particularly disastrous for the "big three" of this section—the chinch bug, hessian fly and grasshopper. Two of these, the chinch bug and grasshopper, normally thrive and increase rapidly during hot dry seasons but 1934 went them one better, they "couldn't take it," and as a result millions of them succumbed to temperatures which reached a mark never before recorded by Kansas weather observers, according to information obtained from Prof. George A. Dean, head of the department of entomology at Kansas State college.

AN AID FOR NEXT YEAR

Drought such as the one experienced this season may have been a necessary part of nature's scheme for the control of insect pests in centuries past, Professor Dean believes, but man no longer depends on such methods since scientific methods of control are available. However, he explained, this does not minimize the fact that the season 1934 which destroyed farm crops at the same time should be credited with benefits on the other side of the ledger for reducing the insect infestation to a point which should have considerable bearing on next year's insect infestation.

Tests conducted by the department of entomology, under the direction of Prof. Roger C. Smith, tell the story of how 1934 summer temperatures killed insect pests. Maximum soil temperature of 151 degrees was recorded on bare ground near Manhattan during one of the season's hottest days. Members of the department used many types of insects in the tests. They found that insects were unable to live more than a few minutes in temperatures above 120 degrees on the bare ground and there were dozens of such days during the season.

TOO HOT FOR EGGS

Chinch bugs taken from the under side of corn leaves near the stem where they feed became inactive within 10 seconds after being placed on the ground where the temperature was between 140 and 150 degrees. Most of the smaller insects died in less than a minute under such conditions. Larger, hardier insects with tough coverings live as long as 18 minutes. The rate of respiration increased rapidly when grasshoppers were placed on the hot ground. In one case respiration increased from a normal of 32 per minute to 138, then dropped rapidly to 21 and then to zero as the insect died.

Temperatures taken under corn leaves where the chinch bug feeds ranged as high as 108½ degrees. Such high temperatures resulted in a gradual decrease in the number of chinch bugs, particularly by killing the eggs.

Whenever an insect which was placed on the hot ground could find a grass blade or any type of stem upon which it could climb to a height of two inches or more it would exist for several hours. Whenever the insect became restless and chose to get down, however, it died within a few minutes on the bare ground.

"Temperature and moisture, particularly temperature, have a great influence on insect life," Professor Dean declared.

"The chinch bug, which is one of
(Concluded on last page)

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WEDNESDAY, SEPTEMBER 19, 1934

SEVENTY-SECOND SESSION

Kansas State has opened its halls again, for the seventy-second session. The bell above Anderson hall rings out its familiar call and nearly twenty-seven hundred students answer. They hurry this way and that, to the "Ag" building, to Engineering hall, to every classroom. In their haste to make eight o'clocks some of them cut corners across the lawn; not all who do so are freshmen. It has always been that way.

It is heartening to faculty members of Kansas State college to see the enrolment swing upward again—not because of a desire for numbers, but because therein lies evidence of continuing faith in higher education.

When money is scarce as it is in so many Kansas homes today, when it is needed so urgently for food, clothing, doctor bills, cultivators, and bathtubs, parents must have profound faith in education to deny themselves these needs in preference of it. There are thousands of Kansas farm homes today which need new paint, wall paper, furniture, kitchen sinks, or new dresses for their mistresses. Money is scarce, interest on the mortgage is due, or feed must be purchased to keep the cows through winter. The situation is comparable in many homes of towns and cities. Yet, from these homes this year come thousands of students to Kansas State and other colleges.

There's a dauntless vision where such denial of real needs is made for the education of youth. It presages a year of diligent study by college students. It is a challenge to the faculty of Kansas State.

CHILDREN AT THE MOVIES

The movies are being more and more critically observed, not only by educators but by groups of thoughtful laymen. Newspapers last summer reported groups all over the country actively working to get pledges either to stop going to the movies entirely or to patronize only those approved by responsible critics. Their concern was, of course, primarily the children.

The effect of motion pictures on social attitudes of children as revealed through a five-year research program was reported by Harold E. Jones, director of research at the Institute of Child Welfare, University of California, in a recent issue of the Journal of the American Association of University Women.

He found that among high school children in New York City, in Chicago, and in Kansas City—the three centers of the study—four-fifths of the high school children attended movies once a week or more often; that the depression had made no appreciable change in this attendance; that "moving pictures are not only keenly perceived and fixated (by children), but the memory of them is exceptionally tenacious."

The influence of specific pictures on race and nation prejudice was one of the angles studied. War pictures, such as "The Big Parade" and "What Price Glory," were quoted by the children in justifying an anti-German attitude. "The Four Sons," on the other hand, where shown was found to lessen markedly dislike of Germans.

As to the effects of films of violence upon youthful attendants: "Boys with delinquent records in Chicago attended movies much more frequently than non-delinquents, half attended once or twice a week, and 48 per cent, more than twice a week." The pre-occupation of films with violence, Mr. Jones declares, "should not be interpreted directly as an indictment of the motion picture producers, for to a large extent they are giving us what the public (or their public) accepts."

Research is clearing the outlines of the problem, but so far is not offering much help as to what should be done about it. Entertainment cannot be turned into propaganda nor would it be wise, probably, to try to gain arbitrary goals in social attitudes through censorship. Some wise plan for controlling the effects of movies must be evolved if we are to escape the dangers inherent in the present situation.

BOOKS

Common-sense Nutrition

"Nutrition." By Margaret S. Chaney and Margaret Ahlborn. Houghton Mifflin company. New York. 1934. \$3.

One of the anomalies of college education is the fact that men students tend strongly to select subjects for study in preparation for the professions that they are likely to follow, while women students tend equally strongly in the opposite direction. An overwhelming majority of college women are destined for the profession of homemaking, but only a small minority of them make a serious study of home economics. It is conceivable that this anomaly has resulted in part from the use of unattractive textbooks in subjects of peculiar technical interest to prospective homemakers. It is gratifying to note a marked improvement in textbooks in this field in recent years. "Nutrition," by Margaret S. Chaney, formerly of Kansas State college and now of Connecticut college, and Miss Margaret Ahlborn, assistant dean of the division of home economics at Kansas State, is an excellent example of this improvement.

Although the book was written for college women, it is not without interest to any reader who appreciates the vast importance of nutrition in human affairs and the elementary fact, stated by the authors, that "Food plays an important role in one's physical well-being and emotional attitudes."

Thanks to scientific research on both health and disease, knowledge of human nutrition has been greatly enriched in recent years. This book contains interesting and illuminating discussions of the essential facts of the subject according to present knowledge. The authors are careful to point out that this knowledge is growing and to urge the student to keep an open mind and "to use today's theories in the formulation of a better doctrine for tomorrow."

The subjects discussed in relation to nutrition include energy, metabolism, protein, calcium, phosphorus, iron, iodine, and vitamins, water, alimentary hygiene, nutrition and reproduction, the feeding of infants and children and the selection of an adequate dietary. The book contains 55 illustrations and 85 tables. A 45-page appendix presents a wealth of useful supplemental data.

Pestiferous food faddists will get no comfort from this book. In warning the student against these persons the authors urge the importance of having sound knowledge of nutrition, of exercising discrimination and of using common sense. The book itself exemplifies all three, for the authors exhibit a clear understanding of the known facts of the subject and they present these facts with admirable discrimination and engaging common sense.—F. D. Farrell.

PERIOD REACTION

Recently, from a train window, I looked out on various familiar and charming sights. There was a farmhouse, at whose door the farmer had unloaded his store of apples—red, yellow, gorgeous, like a rug. There was a green hilly pasture where sheep grazed, and a meadow through which cows moved toward the bars, just to be lowered by a man in a blue blouse. There was a sunset of peach and ochre, and against the color, trees lay like ferns. An old man in a wagon drawn by a white horse waited at a curve of road for the mail sack to be thrown from the train. A red bus passed, filled with

brightly dressed school children, shouting and waving.

All this seemed charming, seemed idyllic. But I fell to contrasting the fashion in which fiction would have treated all this some years ago, and the way in which some fiction, much fiction, would treat it now. Once a farmyard, pasture, sheep, meadow, cows, sunset, trees, old man, and red bus would have been idealized and romanticized. Now the meadow would be dank, the sheep dirty, the cows bony, the sunset sullen, the trees scraggly; and there would almost certainly be abroad an acrid smell—almost certainly that.

Now, I knew well that all these things sometimes bore these aspects, that those red and yellow apples had cores and even worms, that the old man who waited for the mail might have been difficult to deal with, that the school children in the red bus

of these "treasures" became so great that they had to be removed to a private place.—Kansas City Star.

IN OLDER DAYS

From the files of The Industrialist
TEN YEARS AGO

The executive board of the Kansas Council of Women voted to push the bill for a dormitory at K. S. C. at the next session of the Kansas legislature.

The radio college of Kansas State college, the first in the world, became a reality September 15. Arrangements were made with station KFKB at Milford to use its equipment until station KSAC was ready.

TWENTY YEARS AGO

The enrolment for the fall term reached 2,203.

"The Needs of the Philippines," an

Alumni Association Objectives

E. A. Allen President, Kansas State College Alumni Association

It appeals to me that, in addition to the routine duties of the organization, the Kansas State College Alumni association should interest itself enthusiastically in attaining at least three objectives.

1. The membership should, by means of a systematic campaign, participated in by more than the executive secretary, be so built up that we shall be confronted no longer by the humiliating condition of a one to five proportion. We should never be even reasonably satisfied until a majority of all living alumni are contributing members of the organization.

2. The association should actively and loyally support the President in carrying to a successful issue his Twenty Year Plan, by assuming any part of the work that it is agreed should be committed to it.

3. In addition to the financial contribution made by each one becoming a life member of the association, every such person should constitute himself a representative of the college in his community, to the end that its needs would be brought effectively to the attention of his neighbors, and that its light may be made to shine and be plainly discernible to all those needing the ministrations of an unusually serviceable institution of higher education.

might be little demons at times—but yet I knew, too, that all the derogatory words about these objects and scenes and persons would not exhaust the whole truth about them. I knew, too, that the old way of seeing and of recording in books only beauty and romance was not the whole truth. But are there not some tests by which we can recognize fiction which seeks to tell the truth rather than to follow a fashion in either the extreme of the old romanticism, or of the new realism—that which I call rather a "period" reaction?—Zona Gale in The Yale Review.

PROVING WHAT?

The state of Pennsylvania reports that women are better motor-car drivers than men, judging by their relative percentages of accidents. . . Perhaps because men run into trouble when they try to pass the fast-driving women.

The female of the human species is safer from death by violence than the male. In the early years of life the ratio is five to seven; in the school years it is two to five; in the years of maturity the accident death rate is one woman to four men.

According to one authority, college women make the worst wives; according to another, they make the best. . . We have seen no statistics on college men as husbands, but they would probably be just as valuable and conclusive.—Loring A. Schuler in Ladies' Home Journal.

TREASURES

The long-time custodian of the original copies of the constitution and the declaration of independence is one McNamara. The custodian notes that whereas large delegations of teachers and students once visited the capital to see these treasured copies, they now are rare, indicating a decline in public interest. But here comes a refreshing note on the pre-occupations of the public, or at least a part of it. The department of justice has collected a good many articles identified with the person and activities of the late John Dillinger. The crowds that pressed to get a view

editorial reprinted from the Manila Times, praised President Henry J. Waters' address to the Manila City club.

The courtesy of the Russians was spoken of highly by Dr. R. K. Nabours who just had returned from a four months' trip to central Asia. The only danger experienced by Doctor Nabours was in the North Sea where there was danger of the ship's striking a mine.

THIRTY YEARS AGO

Prof. J. V. Cortelyou, of Heidelberg, Germany, had been added to the faculty to fill the newly created chair of German. The position was made at the last commencement session of the board of regents.

Prof. J. T. Willard finished a small textbook for chemistry students called "Lessons in Analytical Chemistry." The book "outlines a series of lessons designed to accompany any elementary manual of qualitative analysis." Printing and binding was done by the college printing department.

FORTY YEARS AGO

Professor Mason left for a 10 day trip to Utah. He was making collections for the forestry museum.

Mrs. Kedzie was expected to return from a visit to Michigan. She attended the meeting of the American Association for the Advancement of Science at Brooklyn, N. Y.

FIFTY YEARS AGO

A grand total of 307 students—214 boys and 93 girls—enrolled at the college. New students numbered 159. Only 41 of these were from Kansas. One German scholar was enrolled. The following were listed as the parents' occupation: farmers and stock-raisers, 117; carpenters and mechanics, 8; merchants and clerks, 5; doctors, 4; land agents, 3; millers, 2; dentists, 2.

Surely it is clear that we have moved into an age when conscious, deliberate direction of human affairs is necessary and unavoidable.—Walter Lippmann.

SOLITAIRE

Amy Lowell

When night drifts along the streets of the city,
And sifts down between the uneven roofs,
My mind begins to peek and peer.
It plays at ball in odd, blue Chinese gardens,
And shakes wrought dice-cups in Pagan temples
Amid the broken flutings of white pillars.
It dances with purple and yellow crocuses in its hair,
And its feet shine as they flutter over drenched grasses.
How light and laughing my mind is,
When all good folks have put out their bedroom candles,
And the city is still.

SUNFLOWERS

By H. W. D.

SYMPTOMANIA

Someday, sooner or later, I am going to compile a cyclopedia of aches and pains and their sundry significances.

The women of America, if I mistake not, are much interested in aches and pains leading to major operations, but up to now they've exhibited spectacular ignorance in regard to them. And I'm afraid they're likely to remain silly that way until my book comes out.

I don't know yet whether I shall arrange my pains anatomically or alphabetically. I suspect it will be anatomically, because pain lovers are invariably slovenly spellers.

I shall, for the nonce—or something equally significant—begin with miseries in the toes and fingers and work both directions toward the stomach. I want to save the best until last.

The section on aches in and around the stomach ought to be a wow, for the maw of the modern woman suffers a-plenty from alternate dieting and gormandizing and there's nothing so filling in polite conversation as intimations of ulcers, appendicitis, and duodenal abnormalities.

If everything goes well I shall indicate two lines of conversation for each pain. The first will be one to pull on members of the immediate family around the cheery fireside circle. The second can be used to advantage in greeting old friends and directing social conversation toward oneself without any seeming egotism.

My corn is torturing me terribly. I may slip into arthritis any moment.

CASEMENT RANCH

The property has been operated during the half century of my association with it as a live stock farm stressing the production of beef and pork on the hoof. Beef cattle and hogs are bred and finished for market, and the home grown cattle are supplemented by steer calves bought on the western ranges. There is also a small dairy, a few sheep, and horses both for draft and riding. Practically all crops are marketed as live stock. In recent years from 20,000 to 30,000 bushels of grain and more than 100 tons of mill products have been consumed annually in addition to the crops grown on the farm.

The plan of operation requires the conversion into cash, during each 12-month period, of the year's entire production of crops and live stock, excepting only such of the increase of the latter as are needed to maintain the efficiency of the breeding herds. For the 15 years from 1916 to 1930, inclusive, the inventory value of the property has averaged \$207,000 and the gross cash returns have totaled \$1,045,686.71. Operating costs for those years have totaled \$921,227.60, leaving a balance of \$124,409.11.

During the past eight of these 15 years I paid wages to myself in the sum of \$9,700 and have shared my cash dividends with my foreman. An effort at profit sharing has added \$3,646.40 to the income from wages of the other men on the place. After deducting my own wages and the men's bonus, the receipts for the 15 years exceeded expenditures by \$111,062.71, an annual average of \$7,404.18, equalling 3.57 per cent on average inventory.

In four of the 15 years with which I am dealing actual losses were incurred. The year 1930 was the most disastrous of all the years, disbursements exceeding receipts by \$9,592.03. This condition, however, was reversed in the three preceding years when the average annual income exceeded expense by \$15,210.97.—Dan D. Casement in Nation's Business.

AMONG THE ALUMNI

Orrell C. Ewbank, '26, is working part time as a secretary in the Texas state highway department. She lives in Dalhart.

Duane H. Daly, '32, is an instructor in agronomy at the University of Idaho. His address is 817 Deakin street, Moscow, Ida.

Dr. Clay E. Coburn, '91, is practicing general medicine and surgery in Kansas City. His address is 1845 Oakland, Kansas City, Kan.

Dr. Hermon H. Conwell, '07, is professor of mathematics at Beloit college, Beloit, Wis. His home is at 1621 Emerson street, Beloit.

Ruth (Henderson) Billingsley, '19, is society editor of the Advocate-Democrat at Marysville. She lives at 720 1-2 Broadway, Marysville.

Orlando G. Palmer, '87, is a senior member of the law firm of Palmer and Allred of Leavenworth, Kansas.

Football Tickets

Bargain football ticket prices in effect last year will be continued at Kansas State this season, according to M. F. Ahearn, director of athletics. A season ticket assuring a reserved seat for each of four home games will be \$5.50 including tax. Three of the games will be Big Six contests. Single admission including reserved seat will be \$1.10 for the Fort Hays game, \$2.20 for the others. General admission (non-reserved) tickets will be \$1.10 for each game. High school students will be admitted in a special section for 25 cents. Knochle gang members 10 cents. Tickets may be bought through Frank Myers, athletic office, Kansas State college.

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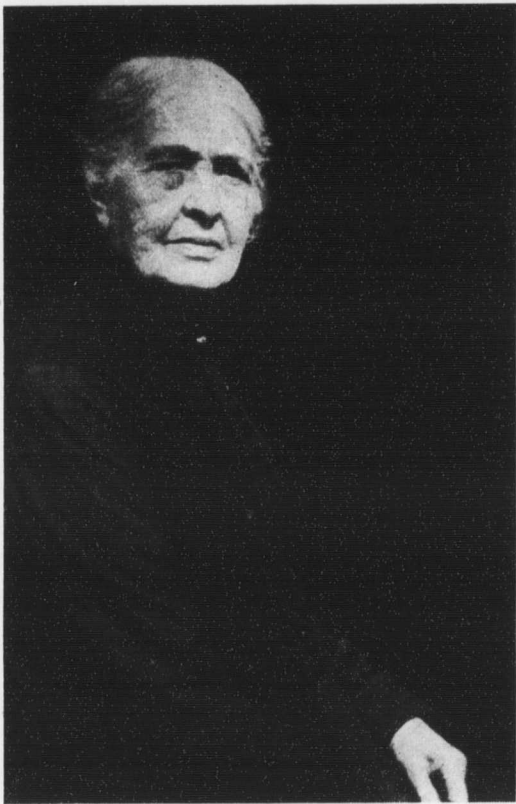
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SUPPLEMENT TO THE KANSAS INDUSTRIALIST

September 19, 1934

A Personal Letter from a Member of the First Graduating Class of Kansas State College



Laura Emma Haines Bowen, Marietta, Ohio, is the only living member of the first graduating Class of 1867. Loyal to her Alma Mater for more than sixty-seven years and one of the first life members of the Kansas State College Alumni Association.

To all alumni of Kansas State College,
Greeting: are you a member of our active Association? If not, let me urge you to become such without delay.

There is much to be done in the interests of our beloved institution. "In union is strength". The receipts for life membership constitute a revolving, ever-increasing fund for helping needy students to complete a college course, without loss of self respect. Aid is often needed, even in days of prosperity. Much more in times of depression as the present. It is a privilege to be one of the loyal friends of our Alma Mater, which you cannot afford to forego. Faithfully yours,

Laura Emma Haines Bowen

Kindly fill out the check below for \$5.00 to \$50.00 to apply on a life membership or \$3.00 for annual membership and mail to the Alumni Office, Kansas State College.

Send my
Industrialist
to
enclosed
address

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(Write Name of Your Bank on Above Line) OF (Town Here)

PAY TO THE ORDER OF K. S. C. Alumni Association \$

For value received. I represent the above amount is on deposit in said bank or trust company in my name, is free from claims and is subject to this check.

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Alumni Calendar

1934

- October 5.** Toledo, Ohio.—K. S. C. football practice at Scott High School field, 2:00-4:00 p. m., K. S. C. alumni welcome.
- October 6.** New York City.—Alumni meeting following football game, K. S. C. vs. Manhattan College.
- October 10.** Chicago, Illinois.—Alumni meeting, honoring Lynn Waldorf and football squad.
- October 12.** Milwaukee, Wisconsin.—K. S. C. alumni meeting. Football game (night)—K. S. C. vs. Marquette University.
- October 20.** Homecoming.
Homecoming Chapel, College Auditorium, 11:00 a. m.
Alumni Luncheon, College Cafeteria, 12:00 m.
Football game, K. U. vs. K. S. C., 2:00 p. m.
- October 27.** Tulsa, Oklahoma.—K. S. C. alumni meeting. Football game, Tulsa University vs. K. S. C.
- November 2.** Kansas State Teachers Association Meetings.
Chanute—Tentative.
Dodge City—K. S. C. alumni banquet will be held at the Lora Locke Hotel at 5:30 p. m. Tickets are 75c each. Clarence G. Nevins, '07, chairman.
Hays—K. S. C. alumni banquet will be held in the function room of the Lamer Hotel from 5:00 to 7:30 p. m. Tickets are 75c each. L. C. Aicher, '10, in charge.
Hutchinson—Tentative.
Kansas City—K. S. C. alumni banquet will be held at the Y. M. C. A., 8th and Armstrong Ave. (which is near the Memorial Building) at 6:00 p. m. Tickets are 75c each. Tickets can be secured at the Memorial Hall. Dr. C. E. Coburn, '91, in charge.
Salina—Charles W. Shaver, '15, chairman.
Topeka—K. S. C. alumni banquet will be held on the Roof Garden of the Hotel Kansas at 6:30 p. m. Tickets are 75c each. Tickets can be purchased at the State Printing Department, at the State Board for Vocational Education, and at the Registration booth of the Kansas State Teachers Association. Lester B. Pollom, '13, chairman.
- November 17.** Oklahoma City, Oklahoma.—Alumni meeting. Football game, Oklahoma University vs. Kansas State at Norman.

1935

- February 8.** Farm and Home Week Alumni Luncheon, College Cafeteria.
- February 16.** (Night) Founders' Day Radio Program, Station KSAC.
- May 25-27.** Commencement week activities including reunions of the classes of '30, '25, '20, '15, '10, '05, '00, '95, '90, '85, and '80.



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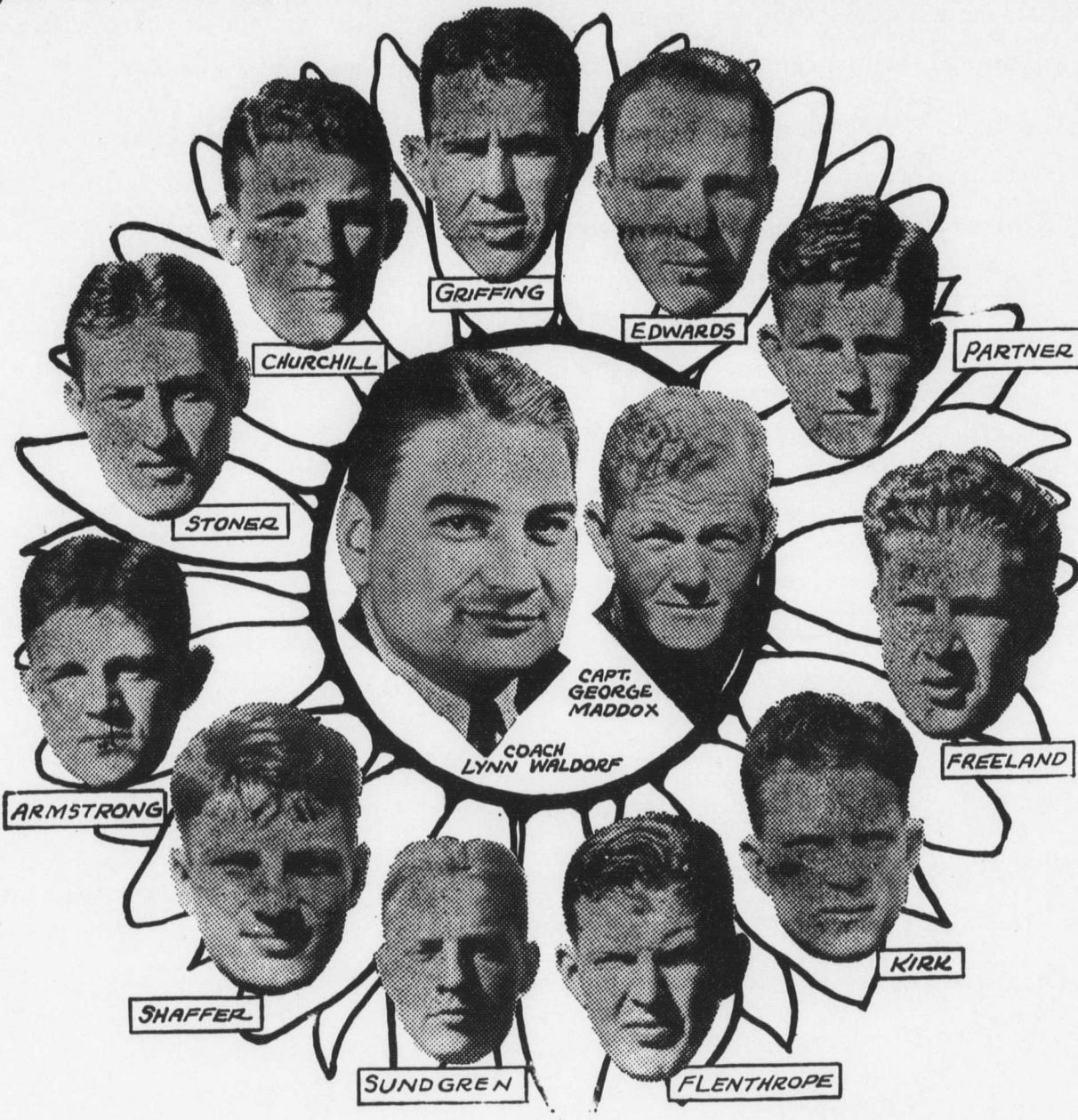
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Kansas State Football Veterans



When Coach Lynn Waldorf of Kansas State College thinks of the state flower of Kansas—the Sunflower—this is the picture he has during the football season. Upon the veteran members of the Kansas State squad who are shown above depends much of the team's chances during the 1934 season. Heading the squad is Captain George Maddox, 220 pound tackle who is expected to be a leading candidate for sectional and national honors. Other letter men include R. D. Churchill, Junction City, h. b.; Don Flenthrope, Wamego, g.; Jim Freeland, Trenton, Mo., t.; Dean Griffing, Council Grove, c.; Dan Partner, Eldorado, g.; Leland Shaffer, Dodge City, h. b.; Oren Stoner, Sabetha, h. b.; Gene Sundgren, Falun, g.

Many alumni will have the opportunity to see Coach Lynn Waldorf and his boys in their ten football games this fall. Plans are under way for alumni meetings in New York City, Chicago, Milwaukee, Tulsa, and Oklahoma City at the time the Kansas State football team is in these cities. The football squad will be in Chicago October 10 and at the other named cities on the dates of games in each locality.

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Prof. Ralph L. Parker of the department of entomology and Arthur L. Goodrich of the department of zoology inform us that the disagreeable European Starling has taken up its home in Kansas. A grown specimen was recently shot while associating with grackles near Sabetha and sent to the college for identification. Like the English sparrow, its nesting habits make it a nuisance and it drives away more desirable birds. Records of its appearance in scattered parts of the eastern third of the state have come in, the first dating back two years. It is a bit smaller than the robin, about the size of a small blackbird, say campus ornithologists.

DOOLITTLE GIVES WELCOME TALK AT FIRST ASSEMBLY

President Farrell Prescribes for Homesickness, Urges Students to Study Consistently

Dudley Doolittle, Strong City, member of the state board of regents, and President F. D. Farrell gave welcoming addresses to students and faculty at the first assembly period of the year Wednesday, September 12.

"This fall's increase in enrolment is clear testimony to the excellence of the work of the college," declared Mr. Doolittle. He congratulated the students on their choice of schools and predicted that their four years here would be the happiest and most valuable of their lives. He urged them to resist all calls to leave college before graduation, saying that time invested in education was never wasted. The hardship being endured by many parents both in sending their children to college and in helping keep up the high standards of state institutions through taxes, he continued, will undoubtedly result in students applying themselves to their work more seriously than ever.

He concluded with a testimony as to his faith in the future of agriculture, which he declared to be "on the way back." Mr. Doolittle is in charge of the federal farm credit agencies of four states, with headquarters in Wichita.

President Farrell urged the students to adopt as their slogan "Do your work well every day," reminding them that neither college nor faculty can to any appreciable degree educate a man, that he must educate himself. He pointed out the fact that the average length of life after graduation is 45 years—years in which to reap the rewards of patience in getting out of college what it offers. In conclusion he discussed humorously yet sympathetically that "painful, widespread, somewhat contagious disease" to which freshmen are especially susceptible—homesickness, suggested as treatment confiding in a sympathetic person, and urged the victims not to be ashamed of having the affliction but by all means to stick it out rather than go home.

Ivan Riley, '24, has the job of rehabilitating 22 Harlingen, Tex., school buildings which were damaged in a tornado last year. Mr. Riley has an architectural practice in Harlingen. He and Geneva (Hollis) Riley, '25, are at home there.

Boost for a Directory

Four Kansas State College students were employed in the alumni office last semester classifying the graduates of this college according to occupation. This project has been continued and is proving valuable in many ways; it is showing the many fields of work that our alumni have entered. This project will also be the first constructive step toward a much needed alumni directory.

The success of the work will depend on the cooperation of approximately 10,000 alumni. Each graduate is asked to fill out the following questionnaire and mail promptly to the **Alumni Office, Kansas State College, Manhattan, Kansas.** We urge all to fill out and send in their blanks regardless of present employment.

1. Name Class.....
2. Residence address.....
3. Business address.....
4. Married?..... If so, to whom?.....

Date of marriage?..... Is wife or husband graduate or former student of some college or university?..... Name of institution?..... When?.....

5. Occupation (Give complete information, company you work for, title of your position; if teaching, tell what and where, etc.).....

6. Have you received other degrees besides the one here at K. S. C.?..... If so, give name of degree, name of institution, and year received.

Join the Alumni Association

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FOOTBALL TEAM EMERGING FROM GRID SQUAD OF 65

OPENING GAME WITH FORT HAYS ON SEPTEMBER 29

First Scrimmage Shows Pleasing Result of First Week's Work; Elder Leading Candidate for Graham Role

Shaping a football team out of 65 aspirants for positions, all with varying experience and in varying stages of physical condition, seems a monumental task to the sidelines spectators but with only a week's practice a team is beginning to appear at Kansas State college out of what was at the first of the week just a bunch of husky young men in uniforms. It is more nearly correct to say that several teams are appearing, as five elevens have been running signals more or less as units.

First scrimmage was held Saturday and the net result was to send the sidelines spectators away with more optimism than the "paper prospects" might seem to warrant. The line appears considerably more advanced than at this time a year ago, as the veterans have the benefit of a year's play and there are good sophomores at several positions who will make them hustle to keep their places.

INTEREST IN BACKS

The fans' interest in the backfield is keenest at fullback and quarter, as Shaffer and Stoner, both K men, appear to have first call at the two halves. Dick Armstrong and Leo Ayers have a little the edge at quarter now, though the other candidates—Jim Lander, Ernest Jessup, and Fred Fair—all are sure to see a good deal of action. All the quarter candidates are fairly light but fast and most of them can run, kick, and pass as well as call signals.

At fullback Maurice "Red" Elder, a Manhattan boy who was too small for football until his senior year in high school, seems to be Waldorf's answer to the problem of replacing Ralph Graham. Elder now weighs 180 and is still growing. He can punch the line in the most approved fashion, and has an additional passing and punting threat which will prevent the opposition from massing when he gets the ball. Jim Edwards, Phillipsburg, and Ted Warren, Delphos, are other outstanding fullback candidates.

Head Coach Lynn Waldorf is more than anxious to get his men working under game conditions, as in two weeks they take on an experienced team from Fort Hays State college. Return of 16 letter men as compared with 9 at Kansas State, and the privilege of using freshmen, will tend to equalize the usual difference in power between the two elevens.

Waldorf feels that he has a good football team coming on, but is spending his odd moments hoping they'll develop fast enough for those early games.

WORK ON SPECIALISTS

Specialists got a good deal of attention in the first week of practice, with punters and passers working hard. Wes Fry and Owen "Chili" Cochrane have been working with the backs, Ward Haylett with the ends; Frank Root and Waldorf with the center of the line, with Waldorf, of course, checking on all departments. This week Root will take charge of the freshman squad, but Fry, Haylett and Cochrane will continue to help with the varsity.

So far Oren Stoner and Ralph Churchill among the letter men have been doing most of the kicking, while among the sophomores and squadmen Ayers, Lander, Warren, Elder, and Bill Hemphill have been outstanding. Stoner and Shaffer are the veteran passers, with Ayers, Lander, Armstrong, Elder, Bob Kirk, Fair, and Jessup also tossing them out.

Fundamentals of blocking, tackling, the stance, low charging through use of ropes—all these have been stressed and will continue to be, but more and more emphasis will be laid on team play.

FIVE TEAMS CHOSEN

Composition of the various teams to run signals together has aroused a good deal of interest among Wildcat followers, though Waldorf stresses the fact that they mean nothing so far as ultimate make-up of the first string is concerned.

Most of the letter men are on an eleven which finds Griffing at center; Partner and Beeler at guards; Maddox and Flenthrope, tackles; Churchill and Freeland, ends; with Ayers

and Armstrong alternating at quarter; Shaffer and Stoner, halves; and Elder, fullback. Of these Beeler, Ayers, and Elder are sophomores, Armstrong a veteran, and the balance letter men.

Another eleven finds Wassberg at center; Sundgren and Holland, guards; Nelson and Fanning, tackles; Zitnik and Hays, ends; Lander at quarter; Henry and Bob Kirk at halves; and Edwards, fullback. Sophomores are Wassberg, Holland, Fanning, Hays, Lander, and Bob Kirk. Sundgren is a letter man and alternates with Beeler on the first eleven named, while H. Kirk, Zitnik, and Edwards are experienced, and Nelson had a year of competition at McPherson college.

Another team-unit has Skinner at center; Cardarelli and Crow, guards; Sconce and Cooper, tackles; Burns and Hemphill, ends; Fair at quarter; Rankin and Rooks, halves; Warren, fullback. Skinner and Sconce are experienced, the rest sophomores.

Another all-sophomore eleven with two exceptions has Whearty at center; Tannahill and Lang, guards; Johnson and Jones, tackles; Muhleim and Peters, ends; Jessup, quarter; Abbott and McDanel, halves; Garvey, full. Abbott and Garvey are veterans.

Still another group which has furnished members to the other squads includes Otte and Guthrie at center; Lowry, Stark, and Lamb as guards; Denchfield, Ewing, and Lane, tackles; Marshall, Fowler, Miller, Cornell, and Steele, ends; with McClurg, Mills, Mayhew, and McAtee in the backfield.

EARLY GAMES BIG WORRY OF WILDCAT COACHES NOW

Team Will Play Manhattan and Marquette Games on Same Trip, Covering 2,800 Miles

Though a 10 game schedule faces the Kansas State football team this fall, the coaches are at present worrying only about the early-season games with Fort Hays State, Manhattan, and Marquette, figuring that they will have plenty of time and cause to worry about the Big Six, Tulsa, and Washburn games later in the year.

Fort Hays, second place team in the Central conference last fall, which has 16 letter men and a big 1934 squad, will furnish plenty of opposition in the first game.

Then comes John (Chick) Meehan's Manhattan college eleven, the game to be played at Ebbetts field, Brooklyn. Meehan, a Syracuse alumnus, coached Lynn Waldorf when the latter played at Syracuse, and of him says, "He was one of the most conscientious tackles that ever played the game."

This year Meehan has 12 letter men at Manhattan, but his sophomores are so good and so large that the first string is expected to include only two letter men. He will have a line averaging nearly 200 pounds, and recently compared his material to that of his extremely successful 1926 team at New York U.

Kansas State's line will not be quite as large as that of Manhattan, but will average 186 pounds at its lightest, 190 frequently, and up to 195 with some combinations. They are, as Coach Waldorf says, "heavy enough."

Marquette is in somewhat the same position as Kansas State, with a heavy schedule, not too many veterans, but good sophomores.

For the Manhattan and Marquette games Kansas State will make a trip of 2,800 miles or better, the longest ever made by any Wildcat eleven. The team goes to New York by way of Chicago, stopping to practice in Toledo, Ohio, enroute. After the game in New York City the team will stop there a day, then go to Washington, practicing Monday afternoon on the George Washington U. field.

Tuesday morning will find them in Chicago, where they will stay until Friday morning, practicing daily at Chicago U. The trip to Milwaukee will be made Friday morning, the game played that night. Saturday will be spent in Chicago, and on Sunday, October 14, the team will arrive in Manhattan after a 10-day absence.

On subsequent trips practically no time will be lost from classes.

Place 146 Teachers

Kansas State graduates and former students were placed in 146 teaching positions for the present school year by the placement bureau of the education department.

DROUGHT EFFECTIVE IN ERADICATION OF INSECTS

(Concluded from page 1)

the most serious pests attacking wheat, oats, rye, barley, corn and grain sorghums, usually thrives best in dry, warm weather. But last season when climatic conditions reached such an extreme, not only were enormous numbers of the bug killed by the high temperatures but they also were starved due to the fact that their food plants were killed by the drought.

INFESTATION ONE PER CENT

"The hessian fly, an insect which normally increases rapidly during a season favorable for maximum yields of wheat and one of the most serious wheat pests, has not been able to increase its forces in the hard-wheat belt this year. A survey made last summer by the federal bureau of entomology shows the hessian fly infestation over most of the hard-wheat belt as not more than one per cent. This infestation, one plant in each 100, is not considered dangerous.

"In southeastern Kansas where there has been more rainfall the hessian fly infestation is 10 per cent, which is sufficient to cause considerable injury to early wheat. The fact that there is not much danger from the hessian fly over most of the state is making it possible for farmers to go ahead and sow wheat and other small grains for winter pasture. Where the danger from the hessian fly is great entomologists usually advise farmers not to plant wheat until after the fly-free date. These dates have been worked out for all parts of the state.

"While some species of grasshoppers which are serious crop pests in central and western Kansas have been greatly checked by the hot dry weather, there is one, however, which has survived and probably will cause serious damage to the new wheat crop unless methods of control are practiced this fall. Arrangements have already been made by Kansas State college to distribute at least 150 tons of dry poison bait in several western and central counties.

"The grasshopper which has survived is the small Rocky Mountain species of native hopper. Members of this group took shelter in the Russian thistle. Their larger relatives which did not seek shady or sheltered places succumbed to the heat in large numbers."

Insects of lesser importance but major pests on garden truck and other minor crops suffered a great blow due to the heat and drought. They include the green cabbage worm, the potato beetle, and the tomato worm. The absence of the white cabbage butterfly late this summer is due to the drought and resulting scarcity of food plants for the cabbage worm.

PROGRESS OF KANSAS PRESS F. E. C.

Jay Adriance, '30, who still writes news for the Seneca Courier-Tribune, was a visitor at the college this summer. His paper is published by Dora and George C. Adriance.

Ralph Van Camp, '33, recently went to work in the front office of the Caldwell Messenger, published by Harold Hammond, f. s. Van Camp said he expected to do all kinds of front office work.

Clay and Nelson Reppert of Harris, both of whom received their B. S. degrees in journalism with the class of '34, have purchased the Osawatimie Graphic-News, a weekly newspaper formerly published by the Osawatimie Publishing company.

Nelda Carson, f. s., who has spent the last two years teaching in Morganville, substituted on the Clay Center Economist staff this summer for Helen Hemphill, '30. Miss Carson is back in school again this fall. J. Foster Scott, '33, sells advertising for the Economist.

Harry (Swede) Lutz, '25, and Ward Colwell, '33, left Manhattan last week to take charge of the Western Times at Sharon Springs. Lutz studied rural commerce and Colwell was graduated in industrial journalism. The Times is the only newspaper published in Wallace county.

Mrs. Helen Riddell Smith, publisher of the Marion Record, was chosen

Football Schedule, 1934

Sept. 29—Fort Hays State at Manhattan.

Oct. 6—Manhattan College at New York City.

Oct. 12—Marquette university at Milwaukee. (Night.)

Oct. 20—Kansas university (Homecoming) at Manhattan.

Oct. 27—Tulsa university at Tulsa.

Nov. 3—Washburn college at Topeka.

Nov. 10—Missouri university (Parents' day) at Manhattan.

Nov. 17—Oklahoma university at Norman.

Nov. 24—Iowa State at Manhattan.

Nov. 29—Nebraska university at Lincoln.

CAMPBELL RECEIVES A. B. A. LOAN SCHOLARSHIP OF \$250

Rewarded for Outstanding Work in Agricultural Economics

Announcement has just been made that the \$250 loan scholarship of the American Bankers association foundation for education in economics has been awarded to Richard Campbell of Grenola, a senior in agricultural economics. This loan scholarship pays \$250 for the school year 1934-35.

This is the sixth such scholarship allotted to Kansas State college. The award goes to a student who will be a senior the coming year and is based on need and outstanding work in agricultural economics. Campbell has been earning his way through school and is an outstanding student. Last year the scholarship was awarded to C. Dean McNeal of Boyle.

The committee in charge of selecting the candidate from Kansas State includes J. E. Kammeyer, head of the department of economics and sociology; A. A. Holtz, men's adviser; W. D. Womer, president of the First National bank, and W. E. Grimes, acting dean of the division of agriculture, chairman.

Sierra de Soto to Homeland

From South America to Kansas State and back again to South America is the route traveled by Francisco Sierra de Soto in the last several years. Mr. Sierra de Soto has a position with the ministry of industry of the republic of Columbia in South America doing research work.

He earned his B. S. degree at Kansas State in general science in 1932, M. S. '34, milling industry, and has been employed by the department of milling industry.

Mr. Sierra de Soto and his family left September 14 for New York and Cuba where they were to spend a few days enroute to Bogota, Columbia, where they will live. Mrs. Sierra de Soto was formerly Isabel Seright, f. s.

president last June of the Fourth District Press association, meeting in Junction City. The association will meet in Manhattan this fall. L. D. Huff, Morganville, is vice-president, and Earl Fickert, Peabody, secretary-treasurer.

Maurice DuMars, '33, is continuing as reporter for the Manhattan Mercury. Other former Kansas State college students on the staff of the Seaton publications in Manhattan are George Venneberg, '26; R. L. (Swede) Youngman, '28; Dwight King, '28; Don Lawrence, f. s.; Charlotte Mutschler, '28; Fred Seaton, f. s.; and Richard Seaton, '34.

Vic Boellner, '33, reported some of the things he has learned as circulation manager for the Eldorado Times in the August number of the Jayhawker Press. Boellner concluded his article with the observation that "the aroma of the farm can be sweet indeed to the reportorial nose for news—and a bumper crop of items can be harvested down on the farm."

The Oskaloosa Independent recently began its seventy-fifth volume, having been founded in 1860. It was founded by John Wesley Roberts. Later F. H. Roberts took the editorial chair and has been in charge virtually ever since. His sons, the third generation, have been doing most of the work in late years. Among them is Wes Roberts, former Kansas State journalism student.

STUDENTS GET \$13,000 FROM ALUMNI LOAN FUND

MORE THAN \$8,000 IN CASH DURING ENROLMENT

Record Total Given Out During Registration—Payments on Life Memberships Help Meet the Demand

More than \$13,000 has been loaned or approved for loans to students for this school year by the Alumni Loan Fund committee, according to Kenney Ford, alumni secretary. More than \$8,000 in cash was given out in loans during enrolment week and the remainder of the \$13,000 will be drawn during the school year as it is needed. The loans averaged approximately \$130 each. Applications now on file which were received during a six-day period total \$1,400.

Many students are applying at the alumni office for financial aid every day. Most of them are highly deserving and the loan fund means more to the Kansas State college student body each year, according to the officers of the association. The loans are made possible largely as a result of payments on life memberships in the alumni association.

Within an hour during enrolment week three representative deserving cases applied for loans at the alumni office. The first was a senior girl whose parents are not living. She was being sent to college by an aunt. The aunt died two weeks ago and the estate is tied up for a year. The girl will attempt first to borrow from her local bank and if unable to secure money there she will apply for \$200 from the alumni fund. A man, 25, a senior, married and with one child has worked his way through school to the present time but lost his job when a married sister and children returned home to live with his employer. This student applied for \$250 from the alumni fund but will not use all of it if he gets work.

The third applicant was a boy from a junior college in Kansas City, Mo. He had money to enrol and a job to earn his board but no money with which to buy books. He deserves a small loan but is not eligible until he has been in college a semester.

The alumni association does not have sufficient funds to take care of all worthy students. There are many heroic young men and women who are attempting to attend college with little or no resources other than their own earning power, according to officers in charge of the loan fund.

Alumni who have completed payments on life memberships since January 1, 1934, include: Henry W. Alford, '32, Topeka; Ellen V. Blackwood, '31, Salt Lake City, Utah; William J. Conover, '32, Hays; Howard C. Edinborough, '32, Grand Canyon, Ariz.; Glenn S. Fox, '33, Kansas State college; Walter D. Hemker, '25, Wilkinsburg, Pa.; Marianne Muse, '21, Burlington, Vt.; George D. Oberle, '31, Carbondale; Raymond W. O'Hara, '30, Dodge City; Russell H. Oliver, '17, Des Moines, Iowa; Doris E. Prentice, '31, Manhattan; and Mabel (Shrontz) Willis, '29, Fostoria.

WILDCAT TWO-MILE TEAM TO DEFEND BIG SIX TITLE

McNay Only Returning Man of 1932 Conference Champions

With one letter man left from the Kansas State team which won the Big Six 2-mile team race the last time it was held—1932—Coach Ward Haylett hopes to have another fairly strong team for the 1934 event, though he figures Oklahoma to be the probable choice for first place.

Joe McNay, Manhattan, is the only holdover from the 1932 team, which included as its outstanding performer Don Landon, who was graduated last spring. Haylett's two outstanding performers probably will be Bill Wheelock, Pleasanton, who lettered in the 2-mile event last spring, and Justus O'Reilly, who has two letters from the K. S. T. C. of Pittsburg and has a year of competition at Kansas State. George McColm, Emporia, was a 2-mile squadman of the 1933 track team.

Sophomore candidates include C. E. Robinson, Manhattan; Harold Redfield, Bucklin; Ray C. Messick, Oakley; R. H. Harvey, Schenectady, N. Y. Ed Pittman, Scott City, a freshman in 1931, is returning this fall. Wildcat letter men in shorter events who are 2-mile possibilities include J. B. Nixon, Paradise; Norris Miller, Kansas City, and Howard Hall, Manhattan.

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Number 2

THISTLES CURED EARLY A SATISFACTORY ROUGHAGE

MUST BE CUT BEFORE SPINES
HARDEN, McCAMPBELL SAYS

Russian Thistle, Long a Weed Pest in
Kansas, Is Being Harvested by
Drought Area Farmers for
Winter Feed

Russian thistle hay is a satisfactory livestock roughage if the thistles are cut and cured before the spines form and harden, according to Prof. C. W. McCampbell, head of the department of animal husbandry of Kansas State college. His observations on the harvesting and use of Russian thistles which grow extensively as a weed pest in many parts of the state, particularly in the western half, are of particular interest this year.

Many farmers whose feed crops were killed by the drought are finding it necessary to harvest thistles in order to obtain sufficient roughage to carry their livestock through the winter. Hay prices are prohibitive and in many cases hay is not available. Late rains have made the "thistle crop" good on fields where grain and sorghum crops were destroyed early in the season. Thistles develop rapidly and reach a stage suitable for hay during a period which would be too short for domestic feed crops to mature.

"Canadian farmers and investigators who have had considerable experience with Russian thistle hay emphasize the fact that the weed must be cut while immature. They do not recommend hay made from mature thistles and suggest that the mature plants be chopped and made into silage. Four to five hundred gallons of water should be added to each ton of dry, well cured, mature thistle hay when it is cut and placed in a silo," Professor McCampbell says.

"When hay has been made from Russian thistles after the spines have hardened it should be thoroughly sprinkled with water 10 to 12 hours before being fed as hay in order to soften the spines. Others recommend that hay made from mature thistles be ground before used as a feed.

"Since one of the major functions of roughage is to furnish bulk, hay made from mature Russian thistles becomes a valuable feed, even though comparatively low in nutritive value. When roughage is scarce and high in price thistles can be used as a satisfactory hay if handled properly and supplemented with some rich concentrate such as grain, linseed, cottonseed or corn gluten meal or cake.

"Russian thistles are somewhat laxative and for this reason must be fed more sparingly than other hays or silages. Best results have been obtained when Russian thistle hay or silage was fed with straw, fodder, stover, prairie hay and similar feeds.

A few years ago the Hays branch of the Kansas agricultural experiment station compared Russian thistle hay of good quality with alfalfa hay of good quality as a part of the winter ration for stock cows. Each lot of animals was fed a basic ration of 15 pounds of silage and approximately 11½ pounds of straw per head each day. In addition one lot received 9½ pounds of Russian thistle hay and the other lot 9½ pounds of alfalfa hay per head each day. The thistle hay proved to be as satisfactory in every way as the alfalfa hay.

"One should not, however, expect to secure good results from hay made from mature Russian thistles," Professor McCampbell added.

SEVENTEEN TRY FOR PLACES ON COLLEGE JUDGING TEAM

Livestock and Dairy Teams into Action
Next Month

Seventeen agricultural division students at Kansas State college are working hard to win places on the intercollegiate livestock judging and dairy judging teams. Four men will compose the dairy team which competes in the Dairy Cattle congress at Waterloo, Iowa, in October under the direction of Prof. H. W. Cave. The livestock judging team goes to the

American Royal show and the International at Chicago. Prof. F. W. Bell is coach.

Candidates for the two teams are: dairy—Forrest Fansher, Hutchinson; Phil Ljungdahl, Menlo; Lester Zerbe and Howard Moreen, Salina; Robert Teagarden, La Cygne; C. W. Myers, Goff; and Wayne Herring of Tulsa, Tex. Livestock—Cliff Harding, Wakefield; Walter Lewis, Larned; Charles Murphey, Leoti; Charles Team, Wichita; Lee Brewer, Hartford; Maurice Wyckoff, Luray; Albert Thornbrough, Lakin; Robert Danforth, Hutchinson; H. T. Niles, Olivet; and C. H. Rupp, Moundridge.

VETERINARY MEDICINE HAS COSMOPOLITAN ENROLMENT

Students from 19 States—Loyal Alumni
and Small Number of Schools
Are Factors

Enrolment in the veterinary medicine division of Kansas State college is a cosmopolitan one again this year, due to the loyalty of alumni of the division and the wide distribution of the 10 approved veterinary schools in the United States, according to Dean R. R. Dykstra of the division.

"Unlike most professional men, those who wish to become veterinarians do not have a large number of schools from which they may obtain an approved education," Dean Dykstra declared in explaining that there are only 10 schools in the country from which a degree, doctor of veterinary medicine, can be obtained. As a result a greater percentage of students in the veterinary division are from outside the state than in any other division of the college.

"These 10 approved schools are all connected with state universities or colleges. They include Cornell university, the University of Pennsylvania, Ohio university, Michigan State college, Iowa State college, Colorado Agricultural college, Washington State college, Texas A. and M. college, and Alabama Polytechnic institute."

Although this wide distribution of the comparatively few veterinary medicine schools in the country naturally brings students from great distances, Dean Dykstra believes the unceasing loyalty of alumni veterinarians in attracting prospective students to Kansas State college is an important factor in the cosmopolitan enrolment here.

Although more than half of the approximately 200 veterinary medicine students at Kansas State college this year are from Kansas communities, there are one or more students from each of these states: Maine, Massachusetts, New York, Connecticut, Ohio, New Jersey, North Carolina, Florida, Georgia, Minnesota, Michigan, Illinois, Iowa, Missouri, Oklahoma, Colorado, New Mexico, and California.

QUILL CLUB ELECTS OFFICERS— MANUSCRIPTS DUE OCT. 18

Ellen Payne Is New Chancellor—Con-
vention Reports Given

Quill club, national honorary society for young writers, elected new officers in a meeting last week. Reports on the Quill club convention which was held in Denver last summer were given by the delegates, Ellen Payne and Mary Lee Braerton.

Officers elected were: Ellen Payne, chancellor; Nell Aberle, vice-chancellor; Marjorie Call, keeper of the parchment; Roberta Shannon, scribe; and Nelda Carson, keeper of the purse.

Manuscripts for admission into Quill club must be submitted by October 18. Three copies of each manuscript must be submitted. They may be poems, stories, or editorials of any length.

New Equipment Added

New electric sewing machines and cutting tables for two laboratories have been added to the equipment of the department of clothing and textiles this year to replace some of the old equipment.

MAJOR EVENTS OF FALL SEASON ARE ANNOUNCED

CALENDAR APPROVED BY COMMIT-
TEE HEADED BY DEAN VAN ZILE

Highlights Include A. A. U. W. Meet-
ings, Theater Plays, Concerts, Aggie
Pop, Homecoming, Parents' Day,
Messiah and Christmas Service

Dates of major events on the fall college calendar were approved last week by the college calendar committee of which Dean Mary P. Van Zile is chairman.

Some of the highlights of the fall social and entertainment season are three meetings of the American Association of University Women; the fall party of the Social club November 12; pep meetings on the eve of four home football games; a Manhattan theater play on November 3; the Richards band concerts, matinee and evening performances, on October 12; homecoming day October 20; Aggie pop stunts December 7 and 8; the music department's rendition of the Messiah December 16; and a Christmas service at a student assembly December 20. Herbert Hare, representing the Kansas City, Mo., planning board, will lecture at 4 o'clock the afternoon of October 3.

On October 5, 6, and 7 the joint Y. W. C. A.-Y. M. C. A. Regional Council conference will be held at the college, followed by the Social club meeting in Recreation center the afternoon of October 8. November 10, when Kansas State plays Missouri university on the football field, has been designated Parents' day, and the annual Armistice day assembly will be held November 12, since Armistice day falls on Sunday.

Thanksgiving vacation begins at noon Wednesday, November 28, and ends the following Saturday at 6 o'clock. The annual Phi Kappa Phi scholarship recognition assembly is scheduled for 9 o'clock the morning of December 6, and the Y. W. C. A. Christmas bazaar will be held in Recreation center December 11. The Christmas service assembly December 20 will be under the direction of the college Y. W. C. A. and Y. M. C. A. Winter vacation begins at 6 o'clock the same day.

Among dates reserved for important second semester functions are the annual Farm and Home week February 5, 6, 7, and 8, the winter Social club party February 11, and the annual World Forum April 5, 6, and 7.

'HONEY FINE ENERGY FOOD, EASILY DIGESTED BY AGED'

Valuable Carbohydrate Food for Babies,
Young Children, Says Food Spe-
cialist at College

Because honey is one of the best of the high energy-producing foods, can be assimilated easily, and has a fine and distinctive flavor, it should be included often in the diet.

This was the contention of Miss Conie Foote, foods and nutrition specialist, in a recent talk at the college.

Honey consists chiefly of a mixture of simple sugars. It is a valued natural carbohydrate food of high calory content, retaining its natural elements because it has not passed through any mechanical method of processing. Honey contains small amounts of all the minerals used in building and maintaining body structures. Because honey can be assimilated with ease it is an important sugar substitute where normal digestive activities are impaired by disease or old age. It is also recognized as a valuable food for babies and young children.

A cup of honey is equal to about 9½ ounces of sugar, said Miss Foote. When substituting honey for sugar in a recipe, the amount of liquid should be reduced one-fifth cup for each cup of honey used. Measure fat in the measuring cup first. Then measure the honey without washing the cup. The honey will come out more easily.

The caramelization point of honey is low due to its levulose content. Therefore, a honey mixture should be

baked slowly and evenly. Honey cakes brown rapidly.

The most economical way to buy honey is in 5 or 10 pound pails or in 60 pound cans, Miss Foote said. Honey usually crystallizes because of the dextrose sugar which it contains. It may be necessary to liquefy honey. This may be done by using a double boiler, or by setting the honey container in a pan of water on the stove. Care should be taken that the honey is not overheated as it scorches easily.

Honey should be kept in a warm dry place where the temperature is 75 degrees F. or over, or kept in a cold place where the temperature is below 50 degrees.

In conclusion Miss Foote gave several recipes which call for honey.

SEMESTER ASSEMBLY PROGRAMS ANNOUNCED

Dr. Howard T. Hill the Speaker Today
with S. G. A. Members Explaining
Functions of Organization

Assembly programs featuring prominent speakers and special music have been arranged for the entire first semester, according to an announcement by Prof. H. W. Davis of the English department, who has charge of program arrangements for the year.

Dr. Howard T. Hill, head of the department of public speaking, was the principal speaker at the assembly program today at 10 o'clock at the college auditorium. The program was sponsored by the Student Governing association which made a special effort to secure as near 100 per cent attendance of the student body as possible. This was the first time in the history of the school that the S. G. A. had sponsored a student assembly. Doctor Hill's subject was "A New Code for Kansas State Students." Representatives of the S. G. A. will explain the functions of their organization.

The remaining assembly speakers for the semester include Charles L. Morgan, who will talk October 4 at an assembly under the direction of the engineering division. October 20, Homecoming day, probably will bring a special chapel program, the nature of which is not definite yet.

A special armistice chapel will be held November 12 at 11 o'clock. The Kansas State college recognition program will be featured in the assembly of December 6. A Phi Kappa Phi speaker and presentation of honor students will be included.

The Y. W. C. A. and Y. M. C. A. will have charge of the program for December 20. This will be a Christmas service in which members of both organizations will participate. The music department will have charge of the assembly on January 14. The second semester schedule of programs has not been announced. The day and hour of programs will be alternated in order that one class will not be dismissed twice during a semester.

STROVOSCOPE ANALYZES THE STRESSES IN MOVING PARTS

Machine Design Department Experi-
ments with Photo-Elastic
Machine

Prof. J. C. Olsen of the machine design department and his associates have been experimenting with a machine known as the photo-elastic machine, or strovoscope, which analyzes the stress on the teeth of a set of rotating gears.

In conducting the test gears made of transparent bakelite are used through which polarized light is passed onto a screen. The amount of stress is shown by the resulting colors. The light is admitted by a shutter which is synchronized with the gears. As the light passes through the shutter it makes one tooth appear to be in the same position. Viewed in this manner gears appear to move very slowly. A model of almost any machine element can be made and tested in order to determine the location and magnitude of stresses.

GROUP LIVING PROBLEMS DEVELOP HOME MAKERS

ANOTHER CLASS OF WOMEN TO
PRACTICE HOUSES

Total of 450 Have Been Trained in
Home Management to Teach un-
der the Smith-Hughes
Act

When another group of young women moved into the home management homes of Kansas State college this semester, the number enrolled in this course in the last eight years reached 450, according to Miss Myrtle Gunselman, director. It is estimated that more than 75 per cent of the students who complete the course in home management teach one or more years.

This practical problem in group living is offered both semesters and in the summer session for seniors and graduate students preparing to teach under the Smith-Hughes act. Two hours of laboratory credit are given for the work in the home management houses. This is accompanied by a one hour recitation class.

The first of the home management houses—the Ellen H. Richards lodge—was established in 1918, and the Ula Dow cottage in 1928. They offer an attractive and satisfactory environment where students may develop a professional attitude toward home making, accept home responsibilities, prepare balanced meals, and provide for leisure.

Miss Gunselman said one of the objects of the course is for students to acquire an analytical approach to the various problems involved in group living. She believes an individual gets more satisfaction from each 24 hours if there is a balance in work, rest, and recreation. Important tasks will not be overlooked and neither will time for the multiplicity of small tasks be forgotten. A carefully made plan will provide time for study and recitation in other courses, time for reading aside from work assigned in courses, and at least a 30 minute rest period each day.

"One important step in moving forward from 'where we are' is first find out 'where we are,'" said Miss Gunselman. Through personal conferences with the director a student receives help in analyzing her problems. Her constant challenge is to become the master of a multiplicity of problems rather than becoming a "slave to things."

Planning a budget for expenditures of food and necessary home equipment and keeping the home account books for these expenditures are important responsibilities in home management houses.

The social relations of the group are important factors. Each meal is planned with the idea of being so attractive and appetizing that food becomes the background and personalities predominate. The girls get firsthand experience in entertaining. Among their social functions are dinner parties and a party for their gentlemen friends.

Every four days the girls shift duties. It is the responsibility of the cook to call all members of the "family" each morning. She plans meals, makes the market order, purchases food, prepares meals, and washes cooking utensils.

In addition to helping the cook, the assistant cook acts as waitress, washes dishes, cares for the dining room, the linen and china, and answers the door bell and telephone during meal time.

An important responsibility is that of hostess. She plans to spend an hour each day reading something other than assignments for classes. As the hostess directs conversation at meal time, this enables her to lead the group into larger fields of interest. The hostess also answers the door bell and telephone except at meal time, receives guests, takes care of table decorations, and is responsible for the general appearance and the atmosphere of the home.

The Ellen Richards lodge attempts to operate as if the income were between \$2,500 to \$3,000 and the al-

(Concluded on last page)

The KANSAS INDUSTRIALIST

Established April 24, 1875

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WEDNESDAY, SEPTEMBER 26, 1934

EDUCATIONAL FRILLS

"Only a few schools in Kansas have dropped any courses from their curricula during the depression. One or two cut out home economics and music, but most of them have put these back again. Economies have more often been overloading teachers, having the same person take both music and home economics classes, for instance." This was the reply of Prof. E. L. Holton, head of the education department, to a query as to the fate of recently added courses.

Music and home economics seem to be among the subjects most likely to be regarded by school boards and communities as non-essentials or "educational frills." As Fred Charles, writing in the Teachers' College Record, Columbia university, commented, "Generally any departure in education less than 20 years old is a fad or a frill—that seems to be the only test."

Penmanship, ciphering, and reading were the three R's with which the American school system began. To these were added in practically this order: grammar, history, geography, literature, physiology, algebra, foreign languages, drawing, music, home economics, manual arts, physical education, hygiene, supervised study, intelligence testing, departmentalization. So in this "Back to Essentials" campaign to be observed in parts of the country some would prune from the educational tree all the shoots since physiology; others are willing to lop off just the last eight. All, however, work backward, rather than forward.

The diversity of opinion as to essentials has its roots, of course, in the confusion even among teachers as to just what education is. Most, however, agree that it is the attempt to condition the child for citizenship by means of the environment. And that inevitably means that education is and ever must be an experiment, for as the world changes, ideas of acceptable citizenship change, and moreover what fits the child for life in Kansas may not do it for the youth in Alabama.

No one knows of what sort will be the life in 1960, for which education must try to prepare today's school children. But every indication is that it will be a life of more complexity and more leisure than that of today. And if it is, the length of time a course has been a part of a school curriculum is no test of its value. Music appreciation and hygiene classes and intelligence testing may be infinitely more essential than ciphering and geography.

As Mr. Charles declares, "To the taxpayer who urges the schools go back to the three R's, the schools have a right to say, 'When you go back to the wood-burning stove, when you tear out your electric lights and go back to the coal-oil lamp, when you rip out your telephone, resurrect your horse and buggy and scrap your automobile, when you junk your cash register and your adding machine, then we will go back to the three R's, and not until then.' For one is as absurd and as impossible as the other."

"We shall probably keep all that

we have in the curriculum," concludes this writer, "and we shall add to it until it includes every phase of life so that it may engage the interest and excite the achievement of the last remaining boy in the class."

Kansans are to be congratulated on the fact that so few schools in the state have gone reactionary in their educational program.

LIFE BEGINS . . .

Walter B. Pitkin's book, "Life Begins at Forty," has been paraphrased widely since publication last year. The new Manhattan play puts it: "Life Begins at 8:40;" a novelist has it: "Life Begins Tomorrow;" not to mention other wisecracks and take-offs at the expense of Pitkin's original.

All of them are mere titles, yet each appears to suggest that real enjoyment in living begins at some other time than the present. Pitkin's book, of course, brings solace to persons inclined to worry about what comes after forty. Men and women yet on the sunny—or should it be funny—side of forty might glean from the title the idea that everyday living will be better after their fortieth birthday. Admittedly, there is room for improvement but it will be unwise to wait passively for the occasion.

For the person with sound mind and body life should be well started at twenty. If it isn't, is there not something wrong with a man's philosophy of living? In the final analysis, does not the enjoyable life begin when we make it? Obviously no person should waste ten years of his life waiting for a convenient occasion when real living may begin.

Excluding youth, whose philosophy of living frequently is confused, is it not logical to assume that life genuinely begins when one finds in every incident something worth having? This does not need to depend upon chance. Life begins when we see romance in failure as well as in victory; when we accept disappointment and adversity as a part of the game; when we resolve to find enlightenment or adventure in every experience, be it birth, illness, death, achievement, or rebuff. Such philosophy is not reserved for the Pollyannas. It sees self and the world realistically, not through rose-colored glass. It tells one not to set his goal too high, to be content with moderation.

One even may derive some small gain from extreme hunger, though probably not so much as from a bounteous dinner. A siege of illness may teach one how to live more wisely. A gossiping neighbor may criticize yet amuse the student of human nature. An economic depression may wipe out life's monetary savings, but it need not do away with joy in living.

A trace of selfishness is valuable in this sort of philosophy. The person who adopts it must not worry unnecessarily about the other fellow. He may be kind and helpful, but he must not be a professional "do good." He takes his place in the niche that the world has given him, or in the one that he has made for himself, and defies fate to deprive him of joy in living. He says to himself: "No matter what happens, life is worth something. It's fun to eat, and sleep, and work, and play. It isn't so good to be hungry and cold and tired and lonely but things could be worse."

That man's spirit is indomitable. For him, life begins early and continues. It is good at thirty, forty, fifty, or eighty.

THE IMPERSONAL SCIENTIST

In the scientist's catalogue of reverences there is no goddess more honored than the Goddess of Impersonality. She stands carved in utterly transparent crystal and though no one can see her, her form and features have a classic abstraction that repels familiar glances and undue camaraderie. She is the scientist's ineffable mistress, and her vitreous affections shield him from the raw life and prejudice of mortal flesh. He looks upon the place where she is, and through her lucidities sees a world screened from the colors of personal projections and shining in the light of pure science. She is his abstracting lens, and what was the boisterous chaos of "common sense" materialism through her is seen cool and orderly, serene, unprejudiced. Without his glass goddess the scientist could never draw those limita-

tions of his field in which he makes his progress.

But man found her late. Impersonality is rather a new thing in human thinking. It is derived, secondary, like a set of parliamentary rules drawn up, after long experience, to make the business of knowing more feasible. The job of objective knowing is rather a special one. It has its own technique, its own peculiarities, its own rules of order, and impersonality is one of them.

For science is ascetic. It is a discipline and a control of personal impulse that could arise only in a relatively mature civilization. Its endeavor to examine this world through self-imposed restrictions of method, through a regimen far removed from the rough aggregate of human ways

T. C. units of the college, was a member of the famous "Rough Rider" cavalry unit commanded by Leonard Wood and Theodore Roosevelt in the Spanish-American war.

TWENTY YEARS AGO

Helen McClanahan and Edgar T. Keith, '12, were married in Manhattan early in August.

Pictures of three new faculty members appeared in THE INDUSTRIALIST: E. N. Wentworth, professor of animal breeding; Otis E. Hall, in charge of rural education, college extension division; A. E. Shower, professor of public speaking.

THIRTY YEARS AGO

T. C. Davis, '91, was Socialist nomi-

have fallen, we expect our exchanges, from sheer force of habit, to exclaim as with one voice, 'this makes the next year's wheat and corn crop a dead sure thing.' It's perfectly safe to say this in Kansas at any season, for Kansas crops never—or hardly ever—fail."

(A fifty year ago item last week said that only 41 of 159 new students were from Kansas. It should have read that only 41 claimed Kansas as their native state.)

I SAW A MAN

Stephen Crane

I saw a man pursuing the horizon;
Round and round they sped.
I was disturbed at this;
I accosted the man.
"It is futile," I said,
"You can never—"
"You lie," he cried,
And ran on.

SUNFLOWERS

H. W. D.

AH, LIBERTY!

It looks as if we are going to have to listen for a spell to a lot of talk about liberty—at least until the politicians can convince us we have all we need or none to speak of.

Of course I may not know what I am talking about—frequently they say I do not—but it seems to seem to me that this human race we belong to has worried itself weary most of its stay on earth stewing around about liberty.

Often I get to thinking that limitations upon liberty have their merits, too. The old routine, or the grind, or what you will, has gone a long way toward civilizing us and making it possible for us to get along together in the same house or office or state or universe.

And I don't know that we've ever had a large amount of liberty, social or personal.

In the first place, we have practically nothing to say about our biological heritage—our inherited tendencies and ductless glands and things like that. This may be what we are howling about when we enter the world; but if it is, our screams avail nothing and we soon forget our extreme dissatisfaction with parents and relatives and thyroids.

Our geographical location is another thing. Without a doubt, many a mortal has taken up his abode in Greenland who would have preferred Juarez or Tahiti, or Los Angeles even. And with our geography comes a good deal, believe me.

Our immediate ancestry, home and country, playmates, social approvals, food and clothing, amusements and worries, school-teachers and moral guardians are piled upon us helter skelter for years and sometimes forever without our being consulted in the least.

And we usually get along pretty smoothly until somebody with a dull axe gets us a-jitter about the right to a "habeas corpus" or something else we have had very little of during young and tender years.

However, liberty will be a change from the tariff.

THE "RISK" OF QUINTUPLETS

Those who have been following the careers of the famous quintuplets born this year in Canada may be interested in a mathematical analysis of the "chances" given in this week's Lancet. "The rarity of the event," it states, "is indicated from the figures supplied some years ago by Arturo Guzzoni, which have been accepted as reliable. Guzzoni's figures are: twins, 1 in 87; triplets, 1 in 7,103; quadruplets, 1 in 757,000. He does not mention quintuplets."

"Instances of five and even six at a birth have been recorded," the Lancet continues, "but many of the stories have not obtained proper substantiation. It is accepted, however, that about 30 authentic cases of quintuplets are on record, though the fate of the babies is not anywhere given in detail." So the Toronto infants, if they survive, will have every reason to regard themselves as rare and distinguished birds in the human aviary.—The Manchester Guardian Weekly.

It is indeed a desirable thing to be well descended, but the glory belongs to our ancestors.—Plutarch.

When Kansas was Mendicant, and Why

An Editorial in the First Issue of The Industrialist, April 24, 1875

Kansas can stand quite alone, agriculturally speaking, when upon its exact merits. But it cannot afford to be placed in a false position before the world and be expected to maintain that position.

Upon many occasions the state has produced enormous crops of corn, and its droves of steers have never failed. This fact has been so persistently shouted in the ears of the eastern people, that they have come to think of Kansas as almost exclusively a producer of these two great staples, corn and beef. Certainly, every emigrant has in his mind's eye a huge cornfield and a drove of Texas steers.

Now all this is wrong; either Kansas is great in something besides the production of corn and beef, or it is a miserable failure. A country that will produce only one crop or product, might almost as well produce nothing. The truth is, Kansas will produce winter and spring wheat, oats, barley, rye and flax, with more certainty, and, taking the years together, more profitably than corn. The "famine" of 1874 resulted from the destruction of the corn crop, and of this alone. Neither drought nor grasshoppers materially injured wheat, oats, or barley. Handsome white wheat in the midst of the "famine" is a drug in the market today at eighty cents per bushel.

The secretary of the state board of agriculture in his report for 1874 says, "The gathered crop of wheat is ten per cent above the average," the average being fully thirteen bushels per acre. Mr. Dodge in the department report for 1873 gives the yield per acre of the great wheat growing state, Michigan, as only 12.2 bushels. Upon the college farm this past season, with ordinary care and cultivation, the average of winter wheat was twenty-four bushels and of oats thirty-seven bushels per acre.

Will these men who are striving so lustily to befool the good name of Kansas, and who talk so bravely of returning to "God's country," and that ideal paradise, the home of their "wife's relations," bear in mind that if wheat, and oats, and barley, and corn had been grown in equal proportions, Kansas today would not be the nation's mendicant.

of acting, is possible only in an era that has profited by long accumulations of mortal experience. Its objectivity and indifference are highly developed sophistications essential to its progress, and though social, personal, human needs may indeed determine its direction and its selection of material, as Dewey and others point out, these are extraneous, not scientific, influences. The descriptive approach to the world finds its validity as well as its value within science itself. Its disregard for outer things is well-nigh monastic. Progress in its own order is pure science. No Trappist monk, telling his beads, was ever more devoted.—Baker Brownell in "The New Universe."

ELIZABETHAN ENGLISH

"Now, can any boy tell me," asked the teacher, "the story of Queen Elizabeth and Sir Walter Raleigh?" "Yes," said the bright lad who had amplified the school curriculum by judicious recourse to the movies. "She was hopping off the sidewalk onto a street car, and he spread his cloak in front of her, and said, 'Step on it, baby.'"—The Manchester Guardian Weekly.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

The Open Door tea room and a private dining room were opened in Thompson hall at the beginning of the fall term.

Lieutenant Colonel Fred W. Bugbee, new commandant of the R. O.

nee for congressman from the third Kansas district.

The new auditorium on the K. S. C. campus was nearing completion. Henry Bennett was contractor.

During the summer the board of regents established a separate department of economics at Kansas State college with Prof. J. E. Kammerer as its head. The work in history had grown to such an extent that the professor of history and economics could not do justice to both branches, it was felt.

FORTY YEARS AGO

The college ball club, made up of students from various classes, was defeated by the "first nine" of Manhattan by a score of 6 to 5.

The faculty and students were favored with songs by the Illinois Prohibition singers, the Meneley trio, composed of two brothers and a sister.

Regents, the faculty and wives, were entertained by postgraduate girls at an evening "breakfast" prepared and served by the cooking class. The four tables were presided over by the following hostesses: Phoebe Haines, Jeanetta Zimmerman, Laura Day, Nora Newell, Bell Frisbie, Rena Helder, Clara Castle, Lorena Clemons.

FIFTY YEARS AGO

Under the heading, "Ground and Buildings," the dwelling of the president was described as a substantial stone farmhouse.

The following appeared in THE INDUSTRIALIST: "Since the late rains

AMONG THE ALUMNI

Lucy Edna (Nixon) Watts, '13, is living on a farm near Utica.

Omar O. Browning, '16, is a farmer and stockman at Linwood.

Marjorie (Curtis) Schibler, '30, and Chester H. Schibler, f. s. '26, live on Route 2, Manhattan.

David E. Curry, '18, is principal of the Potter high school at Potter. He also is teaching history and agriculture.

Ephraim A. Ostlund, '12, and Anna (Fredrickson) Ostlund, f. s. '10, live on Route 3, Clyde. Mr. Ostlund is a farmer.

Harry A. Fearey, '11, and Maybeth (Robison) Fearey, '10, are living at Elberta, Utah. Mr. Fearey is a poultry farmer.

J. Forrest Garner, '26, and Dorothy (Johnson) Garner, f. s. '28, live at Sabetha. Mr. Garner is a commercial beekeeper.

Clarence E. Crews, '28, is superintendent of the south central Kansas experimental fields. He lives at 300 A West, Kingman.

Lydia (Stebbins) Sherman, '28, and Lester Sherman, f. s. '21, are living on Route 1, King City, Mo. Their address is Box 131.

Dr. Daniel P. Ellers, '28, is practicing veterinary medicine at Butler, Pa. His address is 321 West Jefferson street, Butler, Pa.

Walter Byron Gernert, '07, is county agent of Okfuskee county in Oklahoma. He lives at 702 North Fifth street, Okemah, Okla.

Towner H. Stevens, M. S. '28, is now with the Chicago Television and Research laboratories, 128 North Wells street, Chicago.

Kenneth K. Bowman, f. s. '27, lives at 214 Second street, Scotia, N. Y. He is connected with the General Electric company at Schenectady.

Jay Adriance, '30, is a reporter on the Courier-Tribune, a semi-weekly paper at Seneca. He also is secretary of the Seneca chamber of commerce.

Wesley Gordon Bruce, '20, is an assistant entomologist with the United States department of agriculture. His address is Box 196, Ames, Iowa.

Ann Henshaw Gardiner, '27, is assistant professor of nursing education at Duke university, Durham, N. C. Her home is at 119 North Maple avenue, Martinsburg, W. Va.

Earl E. Crocker, '30, is toll supervisor for the Western Power, Light, and Telephone company. He and Marjorie (Manshardt) Crocker, '30, live at 821 Armstrong street, Kansas City, Kan.

Tudor Charles, Jr., '29, as a result of the agricultural adjustment program, is now employed as county agent in Rooks county. He has been manager of the Valley Point farms at Republic.

Gavin Merle Crawford, '25, is a patent attorney with the patent department of the Westinghouse Electric Manufacturing company at East Pittsburgh, Pa. His home is at 1514 Pitt street, Wilkinsburg, Pa.

Clarence Leland Browning, '20, is an attorney with the firm of Charles W. Hills, patent attorneys specializing in patent, trade mark, and copyright matters exclusively. His address is 525 Arlington place, Chicago.

John Jay Curtis, '30, is working at the United States experiment station at Akron, Colo. He is employed as a junior agronomist in the division of cereal crops and diseases of the United States department of agriculture.

Dr. Robert Vernon Christian, '11, is manager of the Wichita branch of the Franklin Blackleg Serum company, producers and distributors of animal vaccines. Doctor Christian and Anna (Vezie) Christian, f. s. '13, live at 1536 Parker avenue, Wichita.

BAND DEDICATES SONG TO K. U. THEN PLAYS WILDCAT ANTHEM

Lender Draws Satire from Kansas City Columnist

Eastern orchestra leaders and arrangers of radio programs may be accomplished in their own line but they know little of Missouri valley colleges or athletics, observes Landon Laird in his About Town column in the Kansas City Star:

"Kansas City people in number have reported an error made by a

broadcasting system—not the National—Thursday night when the announcer of a program grandiloquently said, 'This number is dedicated to the University of Kansas and its students! Give it to them, boys, K. U.'s good old college song.'

"And the orchestra stirring went into the Wildcat anthem of Kansas State college at Manhattan."

MARRIAGES

KIRK—EBERLY

Mary Belle Kirk, f. s. '33, and Alden Eberly were married June 3. They are at home in Scott City.

McCAMMON—HOYT

The marriage of Alene McCammon, f. s., to V. C. Hoyt, Topeka, was celebrated last November. They are living at 1251 Topeka boulevard, Topeka.

HARRY—KIGER

La Nelle Harry and Martin M. Kiger, '31, were married June 5 at the home of the bride in Home, Kan. Mr. Kiger is in the produce business with his father in Washington.

KNITTLE—DODDERIDGE

The marriage of Dorothy Knittle, f. s. '23, to Phil Dodderidge took place May 26. Mrs. Dodderidge has been teaching in the school at Wilsey recently. They are at home in White City.

DEBAUN—DAVIDSON

The marriage of Katherine Ruth DeBaun, f. s. '34, and George Jackson Davidson, '34, took place June 12 at the Davidson home in Kansas City, Mo. Mr. Davidson will do architectural work in Kansas City.

MAXEY—PITTMAN

Fern Maxey, '30, and Karl E. Pittman of Greensburg were married May 20 in Dodge City. Mrs. Pittman has been teaching in the Greensburg schools for the past few years. They are now living at Greensburg.

JONES—RUECK

Esther Jones, '30, was married to Karl Rueck of Riley on May 30. Since her graduation Mrs. Rueck has taught in the high schools of Riley and Washington. Mr. Rueck is employed in the Riley drug store. They have established their home in Riley.

CRAWFORD—JOINES

Elizabeth Crawford, '33, of Madison and Glenn V. Joines, '32, were married June 7 in Manhattan. Mr. and Mrs. Joines have made their home in Manhattan. Mr. Joines is employed in the soils department of the Kansas state highway commission.

GERMAN—ADELL

The marriage of Verda German, f. s. '32, and Donald A. Adell, '33, took place May 27 in Manhattan. Mrs. Adell has been teaching in the junior high school in Beloit. They are making their home at Coldwater where Mr. Adell is doing civil engineering work.

WHYTE—HENSLEY

Mary Jane Whyte, f. s. '34, and Dr. John Herbert Hensley, '34, of Vallejo, Calif., have announced their marriage which took place February 10 in Manhattan. Mr. and Mrs. Hensley left after commencement for San Francisco, Calif., where they will make their home.

WATERMAN—VOGEL

The marriage of Thelma Irene Waterman of Morrowville and Richard Vogel, '31, of Stuttgart took place June 3. Mrs. Vogel has been teaching in the grade schools of Morrowville. Mr. Vogel is now assistant accountant for the state auditor. They will live in Topeka.

BECKSTROM—POWELL

Sigrid Beckstrom, '30, and Floyd Powell of Delphos were married May 30 in Wichita. Mrs. Powell has been teaching home economics in the Delphos high school for the past several years. Mr. Powell is employed by the First National Bank in Delphos. They will make their home there.

BALCH—MCINTYRE

At the home of her parents in Baldwin, Esther Sara Balch was married to Robert Carlyle McIntyre, f. s. '33, Friday, June 1. Mrs. McIntyre has been teaching in the Belleville high school. Mr. McIntyre is an engineer with the Kansas state highway department. They are to be at home at Troy.

LOOKING AROUND

KENNEY L. FORD

Foster A. Hinshaw, '26, president of the Eastern Alumni association, 114-68 208th street, St. Albans, New York, writes the following letter:

"I have arranged to have a block of seats set aside for our alumni. Our plans for the game have taken rather definite shape. We will establish, in the Hotel Taft where the football squad will be located, an alumni headquarters to be open Saturday and Sunday, October 6 and 7. This will serve as a central meeting place for the alumni and as an information headquarters for the boys. We have asked Mike Ahearn and Lynn Waldorf to speak to alumni at the hotel after the game.

There will be a Kansas State cheering section at the game in charge of Donald Shields, '25. We are sending special notices to all former Kansans in this area, as well as to our own alumni, and expect a good attendance at the game.

"We plan to get out a program as a final announcement of the game containing directions as to how to get there from various points in the city and suburbs, a list of yells that will be used, and other pertinent information. We would like to include a list of the team members with their home towns.

"We would like to put on a sight-seeing bus trip for the boys including such points of interest as Radio City, the Empire State building, Holland Tunnels, and others. This of course requires money. Since we are not holding a formal meeting we cannot raise funds in the usual manner, so we are appealing to the alumni of this area to contribute to a fund to carry out our program for the team.

"Any publicity you can obtain for us through THE KANSAS INDUSTRIALIST or other Big Six alumni papers will be appreciated. Those desiring additional information may write or call either myself or our secretary, Horace G. Miller, f. s. '28, 4316 Forty-second street, Sunnyside, Long Island, New York. Both of us are listed in the Queens telephone book."

BIRTHS

Lewis H. Heinz and Elizabeth (Allen) Heinz, '28, of Flandreau, S. D., announce the birth of a daughter, Sarah Louise, on July 19.

George H. Weckel, '24, and Alice (Patterson) Weckel, '25, are the parents of a son, Stephen George, born June 27. They live at 801 North Holyoke, Wichita.

Joseph A. Watson, '29, and Mattie L. (Morehead) Watson, '29, announce the birth of a daughter, Dorothy Elizabeth, August 17. Mr. Watson is teaching vocational agriculture at Fredonia.

Kenneth Yandell, '26, and Daryl (Burson) Yandell, '29, of 612 Magie avenue, Elizabeth, N. J., are the parents of a son, William Lunsford, born August 3. Mr. Yandell is safety supervisor for the Bayway refinery of the Standard Oil company of New Jersey.

MEMBER OF BYRD EXPEDITION IS KANSAS STATE GRADUATE

Paul Swan, Jr., Aeronautical Mechanic, Writes of Experiences

Kansas State graduates who heard the recent radio broadcast over station WDAF to the Byrd expedition in Little America will remember with interest that Paul Swan, Jr., aeronautical mechanic with the Byrd expedition, was graduated from Kansas State with the class of 1927. Swan's home is in Washington, Kan., where he was graduated from high school in 1923.

In a letter to relatives in Washington, quoted in an editorial page feature in the Kansas City Star, Swan described the difficulties encountered in the course of an ordinary day's work in keeping the plane in order in the Antarctic.

After Swan completed his work at Kansas State he was employed by a Wichita air transport company. He was later graduated from the aeronautical school of the University of Detroit.

Inspector of planes with the Curtiss-Wright company in St. Louis was the next step in the career of this adventure-minded young man. He is

an expert and often serviced the plane of Colonel Charles A. Lindbergh. It was while he was in the employ of the Curtiss-Wright company that he was asked to join the Byrd expedition to Little America.

DEATHS

HUBER

Alton Huber, Jr., died July 30 of pneumonia. Alton was the infant son of Alton Huber, f. s. '30, and Lucille (Chastain) Huber, '30, of Junction City.

WALDRAVEN

Robert U. Waldraven, '89, of Corvallis, Ore., died September 15 of heart trouble. He is survived by his wife, Margaret (Campbell) Waldraven, f. s. '91, and a son and two daughters.

PEARCE

Julia R. Pearce, '90, died September 15 at Norfolk, Va. Until her retirement about four years ago, Miss Pearce was employed in the United States department of agriculture at Washington.

WESTGATE

Inez (Wheeler) Westgate, '05, died September 3 of a cerebral hemorrhage at her home in Honolulu, Hawaii. Mrs. Westgate received her master's degree from the University of Hawaii, and has done much active work during her life in Honolulu. She is survived by her husband, J. M. Westgate, '97, and two sons, Phillip and Mark.

THREE OF K. S. C. FACULTY CONTRIBUTE TO 'GENETICS'

Ibsen, Bushnell, Nabours Are Co-Authors of Two Articles

Three of Kansas State's scientists and a graduate student were represented in the July, 1934, issue of Genetics, bi-monthly magazine recording investigations bearing on heredity and variation. Dr. Robert K. Nabours, head of the department of zoology and geology, had for co-author Laurel L. Kingsley, who received her master's degree here in 1933. Their subject was "The Operations of a Lethal Factor in Apotettix Eurycephalus (Grouse Locusts)."

"The Effects Produced on Parents and Descendants by the Injection of Calf Lens Material Directly into the Rabbit Parent" was the title of the other article, contributed by Dr. Herman L. Ibsen and Dr. L. D. Bushnell. Doctor Ibsen is in the department of animal husbandry, Doctor Bushnell in the department of bacteriology.

Tours Europe on Bicycle

George S. Hart, sophomore in industrial journalism, son of a Phillipsburg, Kan., minister, traveled through Germany, France, Switzerland, Belgium and the Netherlands last summer on a thousand mile bicycle trip. Hart was one of 30 young Americans who made the trip which was sponsored by Monroe Smith of Philadelphia and the Youth Hostel association. There are 40 million members in 14 countries of Europe. It is a mixed group of young men and women between the ages of 18 and 25. The American group left New York June 27 for Hamburg, Germany, where additional members joined the party. Others joined in Denmark, Ireland, Scotland, Italy, Switzerland, and Germany. The purpose of the tour was to develop friendship and understanding between youths in the interest of world peace.

Enrolment Now Exceeds 2,700

Student enrolment now totals 2,714, an increase of 432 over last year's total, according to Miss Jessie McDowell Machir, registrar, who says there is a noticeable increase in the number of foreign students this year. Most of the enrolment increase is found in the freshman and senior classes with a decrease in the number of graduate students. Miss Machir pointed out that enrolment has increased in colleges and universities all over the country. She believes recent payments on wheat and cornhog contracts and federal employment of students are making it possible for many to attend college this year in this section of the country.

Lowell H. Paddack, '27, has charge of the sub-branch of the J. I. Case company, incorporated, at Bismarck, N. D.

RECENT HAPPENINGS ON THE HILL

The German club met last night in Nichols hall. Prof. L. H. Limper, Hilda Grossmann, Mrs. F. Moore were on the program.

The freshman Y. M. met last Thursday, with Prof. C. M. Correll as chief speaker. Leslie King, Wichita, Y. M. president, also spoke.

A new dress shop has sprung up just east of the campus, with two K. S. C. graduates as owners: Miriam Peck and Marion Thompson, both 1934 class members.

"Hays Teachers' college football team has on it five married men, according to our sports editor," further comments the Gentle Jester. "We wonder if it's the 'alma mater' or the 'little woman' that is stirring each of them on to the great sacrifice."

Mrs. Mary Myers Elliott, member of the Kansas State college public speaking department for three years, has a position as instructor in the department of drama and public speaking at the University of Kansas. Mrs. Elliott is a Kansas university graduate.

Elma Edwards, Athol, under her colyum "Gentle Jests" in the Collegian writes: "Our nomination for the two most conscientious freshmen: The girl who is studying for the aptitude tests and the boy who was seen perusing the third page of the peace club pamphlet."

Speed-loving collegians are being considerably cramped by last Friday's order of the Manhattan police department that 30 miles an hour is the limit for the newly widened Poyntz avenue, which is now a temptation to speeders. Furthermore, even that rate has been decreed as too fast on other streets.

The 1934 work of the Prairie Water Color society will be on exhibition the last two weeks of October. Their last showing here last January will be remembered by Manhattan art lovers for the work of Albert Bloch of Kansas university, Henry Varnum Poor, Albert H. Krehbiel of Chicago, the Colorado group—Vance Kirkland, Pansy Dawes, Muriel Sibell—and Kansas State's own John Helm, Jr.

Dr. J. T. Willard, '83, vice-president of Kansas State college, and Mrs. Willard will leave Manhattan on October 2 for Milton, Fla., to visit E. A. Gardiner, Mrs. Willard's brother, who was a student at Kansas State college in the 80's. Doctor and Mrs. Willard plan to be away a month. While away they will make a tour of the southern states and visit a number of former Kansas State students.

The annual all-school mixer was held Friday night in Nichols gymnasium with an estimated attendance of 1,200 students. The program included group singing led by Chester Guthrie, musical and dancing numbers, and was concluded with an hour and a half of social dancing, with Al Worrell and his orchestra furnishing the music. Several fraternity pledges dressed as clowns furnished entertainment on the floor.

Thieves (or a thief?) broke into some of the history department offices September 18, evidently after money collected for subscriptions to Current History magazine. Not finding that, they (he, she?) took from the office of Miss Inez Alsop her portable typewriter, stamps, change, and from Prof. E. V. James' office several fountain pens. Futile efforts had obviously been made to force entrance into the offices of Professors Fred L. Parrish and C. M. Correll.

Alumni Works to Library

Literary work of Kansas State college alumni will be assembled in a special section of the college library, according to A. B. Smith, librarian. The collection, which will be for historical purposes as well as to record the literary efforts of graduates will include books, reprints, bulletins, reports and magazine articles. The alumni office will work in conjunction with THE KANSAS INDUSTRIALIST in gathering the material. President F. D. Farrell is sponsoring the project.

FOOTBALL SEASON OPENS SATURDAY AGAINST HAYS

**STRONG VISITING TEAM HAS 16
LETTER MEN**

**First Kansas State Game—scrimmage
Draws a Thousand Spectators—Some
Pleasing Moments, Some Dis-
appointments for Waldorf**

A new football season and a new Kansas State college head coach will make their bow to Wildcat followers at 2:30 o'clock next Saturday afternoon, when Kansas State meets Fort Hays State in Memorial stadium. "We have three weeks work which should be done before we meet a team as strong as Hays," said Coach Lynn Waldorf at the start of his final week of practice before the opener. "They have a veteran team and a 10-day start on us in practice. The psychology of an opening game is in their favor. I think any unprejudiced observer will agree that its a 50-50 ball game, and that anything may happen."

Last Saturday four Kansas State varsity teams played a round-robin series under game conditions before a thousand spectators. Eight touchdowns were made, in all. A Purple team composed mostly of veterans finally won the series by defeating a green-clad eleven 14 to 6. The Purple team won from the Whites 12-0, and the Greens then ran over three touchdowns on a second Purple eleven.

SCORE TWICE ON GREEN

Snappy team generalship by Dick Armstrong led to the first score of the Purple over the Green, after the former team got possession of the ball on their opponents' thirty yard line early in the game. Ball carrying by Stoner and Elder, coupled with a surprise pass which Armstrong received, put the ball in scoring position, and Armstrong sprinted over with it. A sustained drive down the field with Elder finally ramming the ball over brought the second touchdown.

The Greens then staged a drive half the length of the field for a touchdown, with Quarterback Fred Fair choosing plays nicely. Ted Warren, Green fullback, drove once for 12 and once for 8 yards over the letter guards.

"We're still in an exceedingly crude state," said Coach Waldorf, of the practice. "However, there were some pleasing features in the game. The Purple team showed flashes of real power at times. Blocking still is definitely a weak spot, as is both the throwing and catching of passes."

SOME PLEASING WORK

Waldorf expressed himself as pleased with the work of Armstrong and Fair at quarter, Elder at fullback on offense, and Shaffer's blocking. Stoner did some nice work at both quarter and half, as did Edwards and Warren, fullbacks, and Abbott, half.

Sundgren's offensive work was praised, as was Holland's manner of going down under kicks.

Kansas State has 9 letter men returning this season, Fort Hays 16. The Hays line probably will average from 185 to 190 pounds, with Kansas State's starters averaging a little under 185, but scaling up slightly as substitutions are made.

NEW DIRECTOR TO HEAD BAND AT FT. HAYS GAME SATURDAY

**Approximately 100 Uniforms Issued to
Candidates by George Henry**

Nearly one hundred uniforms have been issued to candidates for the 1934 Kansas State college band which will make its first appearance under the new director, George Henry, at the football game with Fort Hays college here Saturday. Thirty-two freshmen are included in the list.

The band will adopt a signature march to be played on entering and leaving the football field, according to Mr. Henry. The band will play at home games and will make the trip to Lincoln for the Nebraska game Thanksgiving day.

Mr. Henry, who is filling the place of Lyle Downey who is studying in Rochester, N. Y., is from Jacksonville, Fla. He attended the university there and was assistant conductor of the band and orchestra in 1929 and 1930 while still a student. He also holds a degree of bachelor of music in composition from the American Conservatory of Music in Chicago. In addition to directing the college band he will be at the head of the Kansas State college orchestra.

Football Schedule, 1934

Sept. 29—Fort Hays State at Manhattan.
Oct. 6—Manhattan college at New York City.
Oct. 12—Marquette university at Milwaukee. (Night.)
Oct. 20—Kansas university (Homecoming) at Manhattan.
Oct. 27—Tulsa university at Tulsa.
Nov. 3—Washburn college at Topeka.
Nov. 10—Missouri university (Parents' day) at Manhattan.
Nov. 17—Oklahoma university at Norman.
Nov. 24—Iowa State at Manhattan.
Nov. 29—Nebraska university at Lincoln.

WILDCATS GO ON ROAD TO NEW YORK AND MILWAUKEE

**Trip Planned Will Be Longest Ever
Taken by a Kansas State Col-
lege Football Team**

The longest trip ever taken by a Kansas State football team is in store for the Wildcat squad which will meet Manhattan College of New York City and Marquette in Milwaukee on the same journey. Permission to play the two games on one trip, without returning to Manhattan between, has been granted by the athletic council. Between 2,500 and 3,000 miles of train-riding will be done by the squad.

Alumni in Toledo, Ohio, New York, Washington, Chicago, and Milwaukee will have opportunity to meet players and coaches on the trip.

The team leaves Manhattan Thursday, October 4, will make a hasty train change at Chicago, and arrive in Toledo at 1:59 o'clock Friday afternoon. A workout will be conducted there on the Scott high school field, concluding in time to catch a train leaving at 4:25. Arriving in New York Saturday morning, the team will play Saturday afternoon, remaining there until Sunday night. Monday morning will find the squad in Washington, D. C., where they will go sight-seeing until time for an early dinner followed by practice on the Catholic university field. Leaving Washington Monday afternoon, the squad is to arrive in Chicago Tuesday morning and will practice there Tuesday, Wednesday, and Thursday on the Chicago university field.

Friday morning the trip to Milwaukee will be made, with a return to Chicago Saturday for another day's stay there. Saturday night the team will start home, arriving Sunday afternoon.

Tentative plans call for a squad of 26 men, to be accompanied by Coaches Waldorf, Fry, and Root, and Director Ahearn.

RUSSELL TAKES OPENING KICK FOR TOUCHDOWN IN PRO GAME

**Runs 102 Yards to Score as Cardinals
Defeat Cincinnati**

A thrilling 102-yard touchdown run on the opening kick-off by "Dodging Dougal" Russell, former Kansas State three-sports star, and a 39-yard field goal by Cook, one time Illinois guard, gave the Chicago Cardinals a 9 to 0 victory over the Cincinnati Reds September 23 in a National Football league contest played before 6,000 fans.

Alumni and students remember Russell who teamed with Ralph Graham to form one of the greatest pairs of backs in the history of Kansas State. Graham is now an assistant coach at the University of Indiana. Both were graduated with the class of '34.

Calls for Staff Members

A call for staff members for the 1935 Royal Purple was issued the first week of the semester by Spencer H. Wyant, editor. Howard Moreen, business manager, made a request for students to work on the business affairs of the book. Next year's salaried positions will be filled by appointment from those who work on this year's book.

Women's Intramurals Begin

Practice for the women's intramural games started Monday, according to Katherine Geyer of the physical education department. Tenniquoits and horseshoe are the first two games to be played. Horseshoe is to be played on new courts provided at the stadium. This formerly was a spring sport and is very popular.

GROUP LIVING PROBLEMS DEVELOP HOME MAKERS

(Concluded from page 1)

lowance for food is 40 cents per person a day. The Ula Dow cottage is attempting to operate as if the income were between \$1,000 and \$1,500 annually and allows 30 cents per person a day for food. Of course, this much money is not actually available for spending in these houses, but the budgets for food, furniture, and equipment are in keeping with such incomes.

Students taking the course in home management live three weeks in each house and so have an opportunity to make comparisons of the two standards.

"This course should challenge young women to more nearly see each problem in the home in relation to the whole problem of the management of time, energy, and income," said Miss Gunselman. "A well known psychologist and efficiency engineer has said that 'We can never be sure a task has been thoroughly learned until it has been done.' Through the analytical approach to the problems involved in group living in these houses many 'tasks have been done'."

COLLEGE SWINE PROGRAM PLANNED FOR OCTOBER 13

**Animal Husbandry Department Invites
Kansas Farmers in for Eighth
Annual Meeting**

The annual Swine Feeders' day sponsored by the animal husbandry department of the Kansas State college will be held Saturday, October 13, this year, according to Prof. C. E. Aubel, in charge of swine feeding investigations at the college. This is the eighth year in which the event has been held. Usually about 400 or 500 farmers attend.

Several events will feature the day. The forenoon will be given over to inspecting the breeding herd maintained at the college, and the fat barrows that are to be shown at the American Royal Livestock show.

In the afternoon the speaking program will begin at 1 o'clock in the livestock judging pavilion. The program will feature: (1) addresses by persons prominently identified with the livestock industry; (2) reports concerning swine feeding experiments which have been completed in the past year.

Some experimental results obtained in comparing protein feeds will be

discussed as well as the value of alfalfa when fed to fattening pigs.

"Inquiries received by the Kansas agricultural experiment station about the relative value of feeds indicate a great interest in this subject now," Professor Aubel said. "The discussion at the swine feeders' program should help to clear up a great deal of uncertainty that seems to exist regarding the relative value of the feeds now available."

KANSAS STATE FOOTBALL PRACTICE DRAWS 200 MEN

**Count Shows 137 Freshmen, About 65
Varsity, Are Out for Gridiron
Sport This Fall**

With 137 freshman football players answering "first call" last week, more than 200 men are now out for the fall sport at Kansas State college. With late arrivals the freshman squad is expected to number close to 150.

A "new deal" for freshmen involves splitting the group up into four permanent squads, each with a different jersey color and a special coach. These squads will play a series of games with each other and with the varsity, and will retain their team identity through the year.

Frank Root, head coach of basketball and assistant in football for several years, will be in charge of freshman football, assisted by Dr. A. A. Holtz and Prof. H. H. Haymaker, of the college staff, and Laverne Spears, Rossville, who lettered at center several seasons ago and is now a senior at Kansas State.

Root's plan, indorsed by Head Coach Lynn Waldorf, is to keep all freshmen out all season rather than cut the squad by selection of a few outstanding men. Waldorf believes that many valuable football players develop from men with little or no high school experience, and he wants to keep them all interested and out for the season.

Senior Architects to Chicago

Eleven senior students of the department of architecture will make the annual inspection trip this year. They plan to leave Saturday, October 13, visit the Century of Progress in Chicago, and return by way of St. Louis where they will visit the new municipal auditorium and colosseum. The group will return for the homecoming game.

PROGRESS OF KANSAS PRESS F. E. C.

The Manchester Motor and Talmage News are published at Manchester by Thomas MacGregor, former Kansas State student.

David Charles Clarke, '12, is editor, publisher, and owner of the Plainville Times and publisher of the Palco News. He lives at Plainville.

The current issue of the Williamsburg Enterprise is the first we recall seeing. It is a newsy, four-page all home print sheet. L. B. Dobbs is editor and owner, Mrs. L. B. Dobbs, associate editor.

Paul Westerman, '31, is second in command in the printing plant of the Abilene Chronicle, owned by C. W. Wheeler. He called at the office last week on his way to Minnesota for a fortnight of O. R. C. training.

Genevieve Freed, who worked several months gathering local news for the Scandia Journal, has enrolled at Kansas State to study journalism. B. W. Selin, editor, and Jake Stoffer, Jr., business manager, of the Journal, have been getting out a newsy little paper for readers around Scandia.

Harold Hammond, f. s., who publishes the Caldwell Daily Messenger, offered 17 trips to Juarez, Mexico, and Carlsbad, N. Mex., during August to salespeople who obtained new subscribers for the Messenger. Last year the Messenger gave 22 trips to the Chicago World's fair on a similar subscription plan.

A double column spread decorated the top of page 1 of last week's Oakley Graphic. The subject of the layout was Alva Henry "Hoxie" Freeman, former Kansas State college football captain and all-round athlete. "Hoxie" will coach the Oakley high school team this year. Inciden-

tally, the Graphic, published by Paul L. Jones, started Vol. 46 last week.

We do not know the author of the society and club department in the Marshall County News at Marysville, but it is a good column. A calendar of events heads the society news each week with a small one-column calendar for the month at the lead-off. The News, published by B. P. Weekes, still prints those interesting feature stories by Byron Guise.

Those Shawnee-Mission Aggie notes appearing in the Suburban News at Merriam and in the Northeast Johnson County Herald at Overland Park not only concern the work supervised by Harold D. Garver, B. S. '29, M. S. '33, but we suspect also are written by him. This department considers it the duty of every vocational agriculture instructor and every county agricultural agent to use the local newspapers in promoting better agriculture and a more wholesome country life. Garver does it.

Some interesting political campaign copy has been printed recently in the Oskaloosa Independent. C. W. Roberts, f. s., is signing some of it. One of the interesting features of the Independent is a continued story of "Jefferson County 75 Years Ago." Last week the writer of that feature reported that nearly 50 papers have been printed in Jefferson county during the last three-quarters of a century. Only seven of them survive. Incidentally, the Jayhawker Press, official organ of the Kansas Press association, says that Kansas publications reached an all-time high record of 852 in the boom year of 1887. That is according to records kept by the Kansas State Historical society. In 1934 there were 738 publications printed in Kansas, including 59 dailies and 519 weekly newspapers.

CHARLES MORGAN EXHIBITS LITHOS, ETCHINGS, OILS

**PRAIRIE PRINTMAKERS' WORK TO
BE HERE SOON**

**College Social Club to Sponsor Show-
ing of Oils, Pottery, Drawings by
Henry Varnum Poor, Fa-
mous Kansas Artist**

Charming pastels and water colors, swiftly executed lithographs, aquatints, etchings, architectural drawings, and oils are among the papers and canvases by Charles Morgan now being exhibited in the gallery of the architectural department. Mr. Morgan, well known Chicago architect, is the newly acquired member of the department.

Among his work are bright scenes from Toledo, Spain, a landscape in Flanders which he visited in his European travels several years ago. Most, however, reflect the American scene, from Harpers Ferry, West Virginia, and the Susquehanna valley to the industrial locale.

On October 1 this exhibition is to be displaced by the annual American Printmakers' show from the Downtown galleries, New York City. Here Manhattan art lovers will see the world of today through the eyes of young iconoclasts, of unconventional artists who have revolted against the classic styles as being outmoded, no longer adequate for faithful portrayal of the present complex scene.

Oils, pottery, drawings by Henry Varnum Poor, Kansan long recognized as one of America's outstanding artists, will be exhibited later in the year. This triple showing is to be sponsored by the college women's Social club.

STOCKMEN WARNED AGAINST CROPS POISONED BY DROUGHT

**Frost May Help to Neutralize Mold and
Spoilage**

Extreme drought in Kansas and other middle western states apparently imparted to growing plants some substance which causes them to be poisonous to livestock, according to members of the faculty of the division of veterinary medicine.

Stockmen of Kansas and adjoining states are warned against pasturing drought-stunted, small corn while there is any juice left in the stalks. Stover that may have been damaged by the intense heat should not be fed, unless absolutely necessary, before the first killing frost, veterinarians advise. It is believed that freezes will serve to neutralize the effect of mold and spoilage, improving the palatability of the feed as well as reducing the danger of poisoning livestock.

"If in doubt, it is a good practice to feed the crop in question to less valuable animals first and observe the effect. If sickness occurs several doses of corn syrup will neutralize the prussic acid poisoning. Such treatment should be in the form of a drench and the services of an able veterinarian should be obtained," according to Dean Dykstra of the veterinary division.

Farmers have reported losses of cattle and sheep from eating poisonous sorghum, Johnson grass, sorgo-flax, arrow grass, Sudan grass, and velvet grass. Under ordinary conditions all of these are safe and valuable if properly cured. Despite these reports, however, the number of livestock saved from starvation by these emergency crops far exceeds the number lost from poisoning, veterinarians point out.

EIGHT COWS IN COLLEGE HERD PRODUCE OVER 40 POUNDS FAT

**K. S. A. C. Korndyke Pet Led Last
Month with 65.1 Pounds**

Last month's production test on the registered Holstein herd owned by Kansas State college shows there were eight cows in the herd which produced over 40 pounds of fat each. High honors for the month went to K. S. A. C. Korndyke Pet. She yielded 65.1 pounds of fat and 1,698 pounds of milk.

During the first 257 days of the annual production test six cows in the herd have exceeded the 300-pound mark in production of butterfat. The herd is led by Quantico Patricia with a credit of 379.4 pounds of fat and 9,447 pounds of milk. She is followed closely by Dean Piebe with 355 pounds of fat and 10,686 pounds of milk and by Canary Paul Vale IIa with 10,586 pounds of milk and 358.4 pounds of fat.

THE KANSAS INDUSTRIALIST

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VETERINARIANS TO MANY STATES FOR POSITIONS

INDICATES WIDE ACCEPTANCE OF DIVISION, DYKSTRA BELIEVES

All but One of 40 Members of 1934 Class Placed before Graduation—Some to Territories of United States

Positions secured by 39 of the 40 members of the 1934 graduating class of the division of veterinary medicine of Kansas State college have taken them to widely scattered points throughout the United States and to territories of the United States, according to records in the office of Dean R. R. Dykstra of the division. Only one member of the class has not been placed.

Fourteen members of the 1934 class are practicing veterinary medicine, 14 others are working for the United States bureau of animal industry, five are located in animal hospitals and clinics, three are staff members of state veterinary newspapers, two are assistants or inspectors in colleges and one is employed by the health department of the city of St. Louis. All were placed before they were graduated.

"The widespread distribution of these graduates shows the extent to which this veterinary division is accepted," Dean Dykstra declared in commenting on the groups.

MANY IN GOVERNMENT SERVICE

The names, former residences, and present locations of members of the 1934 class of veterinary medicine graduates:

Robert Louis Aderes, Kansas City, Mo., North Shore small animal hospital; Herbert W. Avery, Wakefield, Kan., practicing at Wakefield; Marcus L. Bergsten, Cleburne, Kan., supervising inspector for U. S. bureau of animal industry in Mangun, Okla.; Addison Blair, Manhattan, Kan., practicing at Mt. Sterling, Ill.; Marvin J. Busby, Wakefield, Nebr., practicing at Wakefield; Duane Leroy Cady, Arlington, Nebr., practicing with his father in Arlington; Paul E. Chleboun, Stanton, Nebr., with the U. S. bureau of animal industry in New Mexico; B. B. Coale, Manhattan, Kan., practicing in Long Beach, Calif.; Forrest O. Cox, Blue Rapids, Kan., practicing in home town.

Walter E. Dicke, Louisburg, is on the staff of the Missouri State Veterinarian; Bernard E. Foote, Manhattan, is a staff member of Tennessee State Veterinarian; F. Donald Gomez, Manhattan, is connected with the University of California, Berkeley; John Herbert Hensley, Manhattan, is associated with the society and hospital for prevention of cruelty to animals, San Francisco, Calif.; Ray C. Jensen, Herington, Kan., is with the U. S. bureau of animal industry in New Mexico; Howard L. Kester, Cambridge, Nebr., also is with the U. S. bureau of animal industry in New Mexico; Arthur H. Knost, St. Louis, Mo., is with the city health department of St. Louis; Alvin R. McDonald, Bremen, Kan., is with a veterinary hospital at Passaic, N. J.; C. C. Merriman, Omaha, Nebr., is on the staff of the Missouri State Veterinarian; Lloyd J. Michael, Eudora, Kan., is with the bureau of animal industry of New Mexico.

ONLY ONE MAN NOT PLACED

C. L. Miller, Clarkson, Nebr., is practicing veterinary medicine in his home town; H. T. Mydland, Horton, Kan., is connected with a small animal hospital, Miami, Fla.; T. H. Nelson, Holmen, Wis., is practicing at Holmen; James B. Nichols, Superior, Nebr., is with the U. S. bureau of animal industry, New Mexico; H. J. W. Osterholtz, Manhattan, is practicing in Persia, Iowa; C. W. Rippetoe, Meriden, is practicing in Meriden; A. A. Roby, Jr., Apopka, Fla., is connected with a small animal hospital in Tampa, Fla.; Carl W. Schultz, Independence, Mo., is practicing with his father at Independence; H. F. Sibert, Nelson, Nebr., is practicing in Nelson; Louise Sklar, Manhattan, is assistant to the dean at Kansas State college; Arthur R. Thiele, Bremen, is practicing at Elmo, Mo.; Carl E.

Wendell, Mulberry, is with the U. S. bureau of animal industry, New Mexico; A. D. Woodruff, Manhattan, is with the U. S. bureau of animal industry in New Mexico; B. F. Bridges, Sale City, Ga., is with the U. S. bureau of animal industry, Buffalo, Okla.; John M. Hurd, Pawnee City, Nebr., is with the U. S. bureau of animal industry, Cordell, Okla.; William E. Ivey, Jakin, Ga., is with the U. S. bureau of animal industry at Wau-rika, Okla.; Otto W. Ludloff, Honolulu, Territory of Hawaii, is practicing in his home territory; L. E. McGee, Moultrie, Ga., is connected with the U. S. bureau of animal industry, Mangun, Okla.; Elmer L. Metcalf, Manhattan, is with the U. S. bureau of animal industry, New Mexico, and J. R. Whitman, Deland, Fla., is with the U. S. bureau of animal industry in Arapaho, Okla.

Cirilo L. Adan, Pangasinan, P. I., has not been placed.

CO-OPS PROVE SUCCESSFUL, OPERATE AGAIN THIS YEAR

Van Zile Hall and Cafeteria Offer Students Opportunity to Cut Costs of College Attendance

Students who were permitted to help with their own meal preparation or housekeeping and thereby reduce the cost of attending college found the plan so successful last year that two much larger groups and some smaller ones at Kansas State college are continuing it this year.

The major cooperative groups at Kansas State are those at Van Zile hall, the dormitory for women, and another group organized for meals only, at the college cafeteria. The latter group admits both men and women, but it is made up largely of men. Both groups were filled to capacity and the waiting list totaled 117 several days before registration opened this year. Success of the plan last year and the continued necessity of holding their budgets to an absolute minimum has made the cooperative plan attractive to both men and women students.

Van Zile hall operated last year with 112 women who were given their choice of paying a flat sum for board and room or of paying part cash and contributing a few hours of work each week in the dining room or maintenance operations of the hall. Seventy-one participated.

This year the hall will operate on a similar plan. Those not taking part in the cooperative plan will pay cash at the rate of \$7.25 a week, in advance. The cooperative plan will call for \$4.75 a week and not more than 8 hours of work. The hall is filled to capacity of 129 and 11 are on the waiting list. Of the 129 a total of 101 are participating in the cooperative plan, according to Dean Mary P. Van Zile.

"Last year the girls went into the cooperative plan in the spirit of experimentation and liked it from the first. They found the work was not too difficult, they enjoyed it and many of them said they learned a great deal. The reduction in their living expenses averaged approximately \$10 a month," Dean Van Zile declared.

The cafeteria cooperative plan, last year limited to one hundred students, has been expanded to a maximum of two hundred this fall. Two hundred had signed up two weeks before school opened and the waiting list totaled more than one hundred by the time enrolment started, according to Mrs. Bessie Brooks West, head of the department of institutional economics and manager of the cafeteria.

The plan was designed chiefly to benefit students who were doing "cooking" in their own rooms to save money, and not getting properly balanced or cooked meals. Response was immediate and enthusiastic. Meals are provided at about 13 cents each, plus a small amount of work each week. Miss Ellen Blair, an assistant in the department of institutional economics, is in charge of the cafeteria cooperative group.

PROGRAM ANNOUNCED FOR SWINE FEEDERS' MEETING

R. W. FREELAND, Duroc Breeder of Effingham, to Preside

Grimes, Henney, Aubel, and McCampbell on Program for October 13—Visitors to Inspect College Herd in Forenoon Preceding Program

Rolly W. Freeland, Duroc Jersey breeder of Effingham, Kan., will preside at the eighth annual Swine Feeders' meeting which is to be sponsored by Kansas State college Saturday, October 13, on the campus.

Prof. C. E. Aubel, in charge of swine investigations for the college, announced the names of several persons who will appear on the speaking program Saturday afternoon in the college pavilion. They include Dr. W. E. Grimes, acting dean of agriculture and director of the agricultural experiment station; Homer J. Henney, professor of agricultural economics, who will discuss the hog outlook for 1934-35; reports on swine feeding experiments at the college by Professor Aubel; and the customary question box conducted by Dr. C. W. McCampbell, head of the department of animal husbandry. At least one and perhaps two other speakers not associated with the college will appear on the program.

The speaking program in the afternoon follows a morning program in which visitors will have an opportunity to inspect the college swine herd, especially the lots of animals fed experimentally during the last year.

The experimental work covers two general phases of swine production, according to Professor Aubel. Four experiments dealing with the fattening of pigs in dry lot will throw light on the following topics:

1. Feeding alfalfa hay and meal, compared with sweet clover hay and meal.
2. Ground corn and tankage mixed and self fed, compared with shelled corn and tankage fed separately in a self feeder.
3. The effect of removing the protein supplements from the ration of fattening pigs.
4. The effect of feeding fresh green alfalfa to fattening pigs in the dry lot.

Other experiments involving the fattening of pigs on alfalfa pasture are as follows:

1. Fattening pigs on pasture compared with fattening in the dry lot and feeding alfalfa hay.
2. Removing the tankage from the ration of fattening pigs on alfalfa hay.
3. Feeding tankage compared to feeding meat scraps.

BURRIS JENKINS TO SPEAK AT LIBRARY MEETING HERE

State Librarians Will Hear Matthews on Indian Literature

The Rev. Burris A. Jenkins, pastor of the Kansas City Community church, widely known through his radio talks and through his liberal pub-

NEW X-RAY TUBE BUILT BY KANSAS STATE SCIENTISTS DESTROYED BY DENISON FIRE

When fire destroyed Denison hall a few weeks ago a new and improved X-ray tube, more satisfactory than any the college had been able to secure in the commercial markets, was among the chemistry and physics department equipment which was destroyed. The X-ray tube, which had attracted considerable attention of scientists, was designed for laboratory use at Kansas State by Dr. E. B. Keith of the chemistry department, assisted by M. J. Caldwell, graduate assistant. Asst. Prof. L. E. Hudiburg of the physics department assisted in the construction work.

Cost of the tube was negligible and the one tube would take the place of several tubes which cost \$250 each. It would last indefinitely, whereas other tubes become worthless after considerable use. Tests show it gives off a purer X-ray than other tubes. A great amount of work was involved in developing the tube and plans have not yet been made for rebuilding it, according to Doctor Keith. He expressed the opinion, however, that a similar tube will be built here.

To obtain an X-ray, a cathode is electrically heated in a vacuum with

lication, The Christian, will be one of the speakers at the Thursday evening session of the Kansas Library association to meet on the campus October 24 to 26. Both college and public librarians of the state will be at the convention. Registration will be Wednesday morning, October 24, and the sessions will continue through Friday forenoon, according to Miss Grace Derby of the college here.

Charles Matthews, of the English department, will speak Thursday afternoon on the literature of and concerning the North American Indian.

Charles M. Baker, librarian at the University of Kansas, is president of the organization. Miss Mary Cornelia Lee, of the Manhattan public library, and Miss Derby are assisting him in working out the program, part of which has as yet been only tentatively arranged.

MANHATTAN THEATER DIES OF FINANCIAL DIFFICULTIES

Heberer Hopes for Resurrection, Insists Amateurs Can Compete with Movies in Serious Drama

The Manhattan theater is dead! Prof. H. Miles Heberer, who fathered it back in 1927 and developed it into a healthy, hearty organization, yesterday announced its demise. He believes, however, that there will some day be a resurrection—or a reincarnation.

"The Manhattan theater simply has not been self-supporting the last few years," he explained. "The legitimate theater everywhere in the United States of late years has had to be subsidized to survive. Broadway theaters are directly or indirectly financed by motion picture companies in exchange for exclusive rights to use of the plays for the silver screen after their New York run. Others are underwritten by wealthy patrons, art lovers.

"Amateurs simply can't and oughtn't to try to compete with the movie in farce or light comedy, for the movie can do these infinitely better. But the college amateur can win community interest in certain kinds of serious drama, kinds which unfortunately demand payment of royalties. Such were 'Sun Up,' 'Emperor Jones,' Nugent's 'The Poor Nut,' and 'Romance' which we put on the first years of the Manhattan theater's existence. And just now money for that type of play is not available."

Mr. Heberer hopes that by next year some way of financing a high type of amateur theatricals can be discovered. The Manhattan theater was successor to Purple Masque, which grew and flourished on this campus and then dropped and faded out of the picture entirely.

REGISTRAR'S ENROLMENT TABLE SHOWS 422 GAIN

INCREASE MOSTLY MEN, A FRESHMAN CLASS OF 1,070

General Science Division Leads with 934, Engineering 736, Home Economics 436, Agriculture 402, and Veterinary Medicine 213

Enrolment for the first semester has reached a grand total of 2,721, including 1,931 men and 790 women, according to the official tabulation released September 30 by Miss Jessie McDowell Machir, registrar of Kansas State college. This represents a record increase of 422 students over the total of 2,299 enrolled on September 30, 1933. Of that number 1,526 were men and 773 were women.

The comparison of enrolment figures with those of a year ago show that the increase was principally in men students. There are only 17 more women than a year ago, leaving the remainder of the increase to the male students. The freshman class this year totals 1,070, one of the largest in the history of the school. Of this number 789 are men and 281 women. There are 422 sophomore men and 171 women, a total of 593. The junior class totals 477, of which 310 are men and 167 women. The senior class includes 327 men and 127 women, a total of 454. There are 32 special and 65 graduate students.

GENERAL SCIENCE LEADS

Enrolment in the division of agriculture totals 402, including three women; veterinary medicine, 213; home economics, 435, all women; general science, 592 men and 342 women, a total of 934, the largest number in any one division; engineering has 736, including nine women.

The enrolment totals by divisions on September 30 last year were: agriculture 293, veterinary medicine 173, home economics 398, general science 832, and engineering 603.

In the division of agriculture the curriculum of agriculture has the greatest enrolment, 273 men and one woman. The department of agricultural administration has an enrolment of 92; animal husbandry and veterinary medicine, 9; landscape gardening, 10, including two women, and milling industry, 17.

MANY ELECTRICAL STUDENTS

In the division of home economics the enrolment of 436 is distributed as follows: home economics, 291; home economics and art, 36; institutional economics and dietetics, 82; home economics and journalism, 13; home economics and nursing, 14.

Enrolment in the division of general science totals 934—which is distributed by curricula as follows: general science, 388; industrial journalism, 134; commerce, 195; commerce and accounting, 34; physical education, 88; industrial chemistry, 47; general science and veterinary medicine, 4; music education, 39, and applied music, 5.

The department of electrical engineering has the largest enrolment of any department in the division of engineering with a total of 212. Other department totals are: agricultural engineering, 45; architecture, 42; architectural engineering, 40; chemical engineering, 101; civil engineering, 154; landscape architecture, 7; mechanical engineering, 135. There are 727 men and nine women in the division, making a total of 736. All the women major in architecture.

Twelfth in Dairy Judging

The Kansas State team placed twelfth Monday in dairy stock judging at the Dairy Cattle congress in Waterloo, Iowa, according to a message from Prof. H. W. Cave. The team was first on Holstein, eighth on Brown Swiss, and tenth on Ayrshire. Forrest Fansher was first and Howard Moreen was tenth on Holstein. Fansher was fifth and Phil Ljungdahl was tenth in the entire contest.

Rams to University Flocks

Kansas State college has sent service rams to the Universities of Arizona and Nebraska to head flocks.

The KANSAS INDUSTRIALIST

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F. D. FARRELL, PRESIDENT..... Editor-in-Chief
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R. I. THACKREY, H. P. HOSTETTER..... Assoc. Editors
RALPH LASHBROOK..... ALUMNI EDITOR
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WEDNESDAY, OCTOBER 3, 1934

KANSAS WILL PITCH

Kansas always comes back, or always has, agriculturally speaking. Sixty days ago, yes, less than that, there were plenty of Kansans who would have deeded their homes and farms—lock, stock, and barrel—for a chance to move out. Back to Indiana or Pennsylvania or to the wife's folks out on the coast—those were sweet-sounding words sixty days ago, as the middle west emerged from the hottest week on record.

A little time and a little rain have worked miracles. Alfalfa fields are greener now than they were in spring. Lawns sown to bluegrass less than a month ago, look healthier than the old grass ever did last May. A farmer harvests his late alfalfa seed, the second crop on the same land this year, and sells it at \$9.15 per bushel—\$800 clear profit that he didn't count on—oh, boy! And the rye and wheat are greening up; be ready for pasture next week. The sorgo that stood ankle high on September 1 took on new life with autumn rains and waves above a man's head today. It will make fine silage and the old cows won't have to be sold after all.

The disgruntled Kansan of sixty days ago now sleeps under quilts at night, the kids are in school, hot weather newspaper copy gives way to football, and grandmother has a bad cold instead of prostration from the heat.

Yes, Kansas is back to normal, a little lean in the waist to be sure, but hitching the belt has helped. Even if it should be a long hard winter, next year will be coming along. Kansas will be in there pitching.

BLOOD THINKING

"We think with our blood!" recently boasted a group of Nazi youth, aflame with the spirit of nationalism. "So do earthworms and sharks!" retorted an American editorial writer. And so, alack and alas, do most people—though they don't go around bragging about it, in fact, would hotly deny it. Most of our co-called thinking is in reality searching for plausible reasons for acting (or having acted) in accordance with our emotions and prejudices.

The average man has neither the insight nor the intellectual honesty to examine his own reasoning with any detachment, when his feelings are involved. It is refreshing, therefore, to read in a newspaper account of the New Jersey conference of the Methodist Episcopal church, of the Rev. W. W. Wellar having this rare ability.

In a heated argument over temperance campaign tactics he obtained the floor and said:

"This is no way to handle the temperance problem. . . I myself loathe liquor so much that I recognize there's no sense in my loathing. I was brought up that way. Nevertheless, I recognize that when I face a social question in 1934 I must face it with intelligence and not with prejudices."

Especially when one believes one's emotions are on the right side, is one likely to give up wholeheartedly to them. Too often the result is intolerance, blurred thinking, unwise tactics, instead of the clear analytical

approach so essential, especially in fighting a deeply entrenched evil.

Too bad that there are not more Wellars among the nation's preachers, teachers, business men, lawyers, parents!

BOOKS

Political Theories

"Recent Political Thought." By Francis W. Coker. D. Appleton-Century company. New York. 1934. \$4.

Both timely and authoritative is this new book, "Recent Political Thought," by the Cowles professor of government at Yale, Francis W. Coker. It presents the significant political ideas and social movements of the day against their nineteenth century background in concise, clear style, and with complete impartiality.

Americans inclined to lump Communists and even democratic Socialists together or at least to confuse Communists and Anarchists will find this book clarifying. No longer will the word Socialism conjure up vague terrifying pictures. Coker takes up in turn Karl Marx, Orthodox (radical) Socialism before the World war, democratic and evolutionary (moderate) Socialism, Post-war Socialism, Communism, Anarchism (and its violent off-shoot Nihilism), Syndicalism, Guild Socialism.

The controversy over democracy is discussed in the middle section of the book. Those who have begun to question whether America's faith in this type of government is justified will find in it 85 pages of most stimulating reading. So impartially does the author present both sides of the case, that only through his allowing "The Defense of Democracy" to have the last word do we guess that Coker himself still believes in the theory, faultily as it has worked. He presents three different kinds of substitutes or correctives for democracy, suggested by various political scientists: control by a king or dictator, rule by the elite, a mixed government combining aristocratic with democratic devices.

In his conclusion to this section he makes this cautious statement: "Nothing has yet been written, however, that will definitely settle the question. Indeed it appears that no thoroughly scientific or empirical case can be established in support of democracy, aristocracy, or any other form of state. Frequently the advocate of any one of the forms begins with some sort of emotional bias and then, deliberately or unconsciously, selects the particular scientific doctrines or historical evidences that seem to confirm his prejudices, or at least enable him to refute the exaggerated claims of his opponents. There appears to be nothing in science or history to indicate the predilections of the democratic theorist are unsound."

To those who are watching with interest the progress of the Liberty league organized this summer, section three, Political Authority and Individual Liberty, will prove interesting. A chapter giving the laissez-faire arguments opposing state interference in morals, opinions, economics, is followed by another devoted to the philosophic grounds for state intervention and another on the doctrines of political authority by force. Fascism also gets a chapter, wherein are presented its history, doctrines, and both "pro" and "con" appraisals of its accomplishments.

Coker's background in his 56 years of life is such in itself as to inspire respect among his readers. The product of the Universities of North Carolina, Harvard, Columbia, he started his teaching of political science in the University of Missouri, but soon left for two years on the Princeton faculty. He has been professor of government in Yale since 1929, and is also a member of the board of editors of the American Political Science Review.

For giving an understanding of political theories, his book is invaluable.—Helen Hostetter.

ADULT INSTRUCTION FIGURES

In New York City a survey lately disclosed 2,000 agencies offering adult instruction in mask-making, Albanian, ichthyology, sample mounting, international relations, some 7,000 other subjects. In Boston investigators found 180 late afternoon, night, and Saturday courses in the arts. In Des Moines, 4,000 citizens per month attend neighborhood and city-wide forums to discuss, and hear lectures on, current affairs. Day and night in Denver 9,000 citizens from

16 to 70 file through the city's free opportunity school which anyone may enter any time, studying anything he pleases as hard as he pleases. Dallas draws 900 per meeting to its open forum held every Sunday afternoon from November to March. Taxes and contributions support Tulare, California's adult week-end school where 1,200 grown-ups seek culture on six consecutive Friday evenings in January and February. Model for Michigan is Lansing's people's university, with volunteer instructors teaching 3,000 of their fellow citizens. Thousands of Kansans huddle by their loud-speakers with pad and pencil while KFKU at University of Kansas and KSAC at Kansas State college broadcast university lectures.

Depression has supplied many an adult with time and inclination to enrich his mind, improve his skill, learn a new job or hobby. But it has also shorn many a one of cash, barred to

pany reported a growing business—35 new houses were connected for electric light during September.

Ten fire teams attended the annual Kansas Firemen's tournament, held in Manhattan. The teams were from Marysville, Wamego, Blue Rapids, Beloit, Clay Center, Concordia, Solomon, Salina, Ottawa, and Manhattan.

FORTY YEARS AGO

Incandescent lamps furnished light for the Webster and Hamilton societies for the first time.

President Fairchild was invited to share in the dedicatory exercises of the Spooner library at the university.

The calisthenics class of 25 young ladies, under the direction of Bertha Kimball, held drill in the basement of Science hall.

FIFTY YEARS AGO

In Kansas good cows brought from

A Code for Kansas State Students

Howard T. Hill in Student Assembly

A Student Union at Kansas State will come only after the thorough, long-time development of a unity of student sentiment. Even though it is not constructed at once, an effort to obtain it will create a union of spirit among present students and alumni that nothing can replace.

In the interests of such a program for the future, it is my privilege to present "a code for Kansas State students," recently formed by a campus committee, with the approval of President F. D. Farrell. It seeks to accomplish the necessary unity, affection for the college, and willingness to contribute liberally to its advancement.

Provisions of the code require loyalty to all teams representing the college, active membership in the Student Governing association, support of all student activities and participation in some of them, activity in bringing a high type of students from the home community to the college, respect for the campus and other physical property of the institution, and a pledge so to study and work as to gain from the experience of college an education worth the outlay of time, energy, and money.

him the old-time channels of adult learning—commercial correspondence schools, university home study, and extension courses. Enrolment in huge International Correspondence schools has dropped from 78,600 in 1929 to 37,000 in 1933. Columbia has lost approximately half of the 10,000 students enrolled in home study and extension courses in 1927. Adult enrolment at University of Chicago has dropped from 6,100 in 1929 to 3,510; at University of California from 43,985 to 25,811.—Time Newsmagazine.

BACKWARD, TURN BACKWARD

One of the complaints old-time farmers used to make about modern machinery was that it made the boys lazy. Everything had a seat on it. An implement manufacturer who probably did not have this question in mind at all has met the situation by announcing a new "walking" tractor. It develops five horsepower, or a little more, and is designed for all-around usage, hard or otherwise, at almost any kind of farm work, including mowing and belt operation. A power take-off is built in. It is equipped with a twelve-inch plow and rubber tires.—The Country Home.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

With the east wing of the stadium completed, there were 15,000 seats ready for K. S. C. football fans during the 1924 football season.

Purple Masque, college dramatic organization, initiated Muriel Shaver, Cedar Vale; Charlotte Swanson, Manhattan; Milton Kerr, Manhattan; and Jack Kennedy, Wichita.

TWENTY YEARS AGO

W. M. Jardine, dean of agriculture, expressed the belief that American agriculture as a whole would be benefited by the European war. While the southern states would be affected unfavorably for a time, he believed they probably would be led to diversified farming.

THIRTY YEARS AGO

The horticultural department commenced the work of building gravel roads to the new auditorium.

The Manhattan Electric Light com-

\$45 to \$60; six-months calves, \$15 to \$20; and two-year-old steers, \$40 to \$50.

Of the college societies, F. J. Rogers was president of Alpha Beta and Miss F. H. Willard, secretary; Webster—A. Leis, president, and J. E. Payne, secretary; Scientific club—Superintendent Graham, president, and J. T. Willard, secretary.

WHY NATIONS WAR

When it comes to discussing war, there are always people who shudder at the thought of armed conflict without giving any heed at all to its causes. They are very much like those folks who bemoan the ravages of an epidemic yet refuse to abide by the simplest rules of community sanitation.

Sometime wars will cease, but we can make up our mind to it that they will never cease until nations have a wholesome regard for their neighbors, their rights and opinions—which may differ quite materially from their own.

This state of grace, as it might be called, must penetrate national boundary barriers before zeal for battle will dissolve.

Talk of banning war in a world which is driving more and more toward acute nationalism every hour is well-nigh as unreasonable as war itself. Nations fight one another not on account of things they understand, but because, and sometimes quite deliberately, they misunderstand.

And nations will keep on fighting among themselves so long as and no longer than the hypocritical assumption goes on unrebuked that the dwellers in one land have more worth, more honor, more integrity, or more wisdom than their neighbors.—The Country Home.

No one can be perfectly free till all are free; no one can be perfectly moral till all are moral; no one can be perfectly happy till all are happy.—Spencer.

OUTWITTED

Edwin Markham

He drew a circle that shut me out—Heretic, rebel, a thing to flout. But Love and I had the wit to win: We drew a circle that took him in!

THE VOYAGE

Vachel Lindsay

What is my mast? A Pen.
What are my sails? Ten crescent moons.
What is my sea? A bottle of ink.
Where do I go? To heaven again.
What do I eat? The amaranth flower,
While the winds through the jungles think old tunes.
I eat that flower with ivory spoons
While the winds through the jungles play old tunes:
The songs the angels used to sing
When heaven was not old autumn, but spring—
The bold, old songs of heaven and spring.

SUNFLOWERS

H. W. D.

ANENT DETECTING

I like the play detectives of the movies better than the actual master minds of the New York City constabulary, who are all aglow now because of their fine work in stumbling onto a twenty-dollar gold certificate which led to the apprehension of Mr. Hauptmann.

Perhaps my appreciation of clever ratiocination is considerably below par, but for one I fail to see that the discovery of Mr. Hauptmann throws a great deal of credit for astuteness upon the sleuths of New York or any other port.

If anybody need receive a lavish share of praise for distinguished service, the United States Treasury department is my choice. Calling in those gold certificates was fairly clever.

Of course the detectives showed a lot of patience waiting around until somebody reported that a twenty-dollar bill had turned up. But I've been doing things like that for years, invariably without success, and I've never claimed a bit of glory.

No, the movie sleuths like Bill Powell suit me much better. When they get a mystery, it's a real mystery, and they don't get the backing and cooperation of the League of Nations and the NRA.

Some fellow disappears like a light, two or three neurotic women claim they killed him, two dozen other people and an ape have good motives for the murder, the lieutenant of police bungles the case beyond hope of solution, and even the master mind's wife insists on helping him.

But sophisticated Sherlock smilingly puts his nose to the grindstone, remembers that the disappeared one limped slightly because of a piece of shrapnel in his left knee, puts one and zero together, registers a gleam of understanding, digs up the body in a deserted gas station, and ultimately fixes the guilt on a maniac uncle, disguised as a gardener, who thought his nephew had poisoned his grandfather to free his grandmother.

That's the kind of detecting I like.

CHANGING COLLEGE CURRICULA

"They (the English universities) remain as dead to the great interests of contemporary literature and science as they do to the great movements of the day." So wrote Robert Boyle 50 years ago in *Englische Studien*. Whether conditions deserving such criticism prevailed in England in 1884, we may congratulate ourselves that they do not exist to any great extent in the better American universities today. More and more our institutions of higher learning are adjusting themselves to the contemporary world. More and more are they making honest efforts to fit their students for life as it actually exists not only in the present century but in the new day now dawning. The prominent part being played by professors and assistant professors in the Roosevelt administration is proof that not all college teachers are old fogies. The shift of emphasis in the college curriculum to the social sciences indicates that colleges are going to provide the social, economic, and governmental leaders of tomorrow.—Letter to the editor, *Saturday Review of Literature*.

Mahomet made the people believe that he would call a hill to him, and from the top of it offer up his prayers for the observers of his law. The people assembled. Mahomet called the hill to come to him, again and again; and when the hill stood still he was never a whit abashed, but said, "If the hill will not come to Mahomet, Mahomet will go to the hill."—Bacon.

AMONG THE ALUMNI

Gertrude (Palmer) Gorrell, '15, lives at Hoxie.

Louis V. Ritter, '19, and Elizabeth (Hart) Ritter, f. s. '18, live in Mark-er Tree, Ark. Mr. Ritter is president of E. Ritter and Company, planters, merchants, and manufacturers.

Dr. N. P. Harwood, '18, is vice-president of the Patterson-Howard laboratories in Manhattan. Doctor Harwood and Louise (Wann) Harwood, '26, live at 1531 Leavenworth street, Manhattan.

Henry Theodore Enns, Jr., '20, is assistant manager of the media department of the Cramer-Krasselt company, an advertising agency in Milwaukee, Wis. Mr. Enns lives at 21 Cloverdale court, Wauwatosa, Wis.

Dr. Cecil Elder, '16, is professor of veterinary science at the University of Missouri. He has charge of research in animal diseases. Doctor Elder and Agnes (Miller) Elder, f. s. '15, live at 807 Maryland, Columbia, Mo.

Robert Osborn, '17, has charge of the sales of Vy Lactos, a vitamin product for poultry and animal feed. He is with the Vy Lactos laboratories at Clinton, Iowa. He and Amy Alice (Lamberson) Osborn, '17, live at 917 Sixth avenue, Clinton.

Dr. Ivan Bryan Parker, '92, and Mary (Findley) Parker, f. s. '92, are living in Hill City. Doctor Parker is a physician and surgeon there. He also is a banker. Doctor Parker at present is chairman of the county re-employment committee.

Arthur W. Kirby, '08, is manager of municipal utilities for the city of Marshall, Mo. He has under him the municipal water and light plants and systems. He and Beulah (Icely) Kirby, f. s. '12, live at 110 East Yerby street, Marshall, Mo.

Harold S. Nay, '22, and Helen Jean (McCormick) Nay, f. s. '18, live at 746 Litchfield, Wichita. Mr. Nay is a power sales engineer with the Kansas Gas and Electric company. He has charge of the industrial power activities in the Wichita district.

Alexander C. Cobb, '88, is shop foreman and cabinet maker in the repairs department at Oklahoma A. and M. college. He received his master of science degree from that institution last year. His address is 223 Washington street, Stillwater, Okla.

Glenn William Oliver, '20, is an insurance claim adjuster for the Fire Companies Adjustment bureau, incorporated. He is now manager of the Pueblo, Colo., branch office. Mr. Oliver and Rebekah (Deal) Oliver, '23, live at 623 Quincy street, Pueblo.

Frederick L. Schneider, '02, and Anna Franc (McCreary) Schneider, f. s. '02, live at 608 North Eleventh street, Albuquerque, N. M. Mr. Schneider is inspector in charge of the Albuquerque office of the bureau of animal industry, department of agriculture. He covers the bureau's field work in the states of New Mexico and Arizona.

Kary C. Davis, '91, and Fanny (Waugh) Davis, '91, live at 1714 Villa place, Nashville, Tenn. Mr. Davis is professor of agricultural education at George Peabody College for Teachers at Nashville. Mr. Davis is author and editor of about 50 agricultural books. He has been agricultural editor for the J. B. Lippincott company since 1911.

Glenn Armstrong Bushey, '10, and Helen (Hockersmith) Bushey, '14, live at 3781 Boise avenue, Venice, Calif. Mr. Bushey is an electrical engineer, and is doing radio research work in Los Angeles. Mrs. Bushey is an instructor in home economics in the high school at Venice. Mrs. Bushey has also pursued her vocal studies and is doing some concert work.

Russell Harry Oliver, '17, is salesman, office manager, and official of the J. C. Ferguson Realty company of Des Moines, Iowa. Mr. Oliver has many other duties and positions among which he is president of the Beaverdale Improvement company, director of the Polk County Building Loan and Savings association, and chief appraiser and assistant manager of the wholesale department of the Home Owners Loan corporation. His address is 4024 Edwards avenue, Des Moines, Iowa.

David Fairchild, '88, has been an

agricultural explorer with the United States department of agriculture since 1898. Mr. Fairchild has traveled over Europe, Asia, the Dutch East Indies, Africa, and South America in his work. Recently he was through the West Indies on the research yacht, Utowana, in search of new plants. Mr. Fairchild has received medals for his work among which are medals from the Massachusetts horticulture society; the explorers club of Harvard; the society of acclimatization, France; and the national academy of sciences. His home is at Coconut Grove, Fla., from October until June and at Baddeck, Nova Scotia, the remainder of the year.

DEATHS

JOHNSON

Theodore O. Johnson, f. s. '26, died on August 28 from a heart ailment at his home in Manhattan. He is survived by his wife, his parents, and two sisters.

SWARTZ

Price Swartz, f. s. '30, died July 31 at his home in Everest of injuries received several days previously in a hayrack accident. Mr. Swartz was quite prominent as an athlete while in college, and since leaving Kansas State he has farmed near Everest. He is survived by his parents.

BIRTHS

M. R. Dary, and Ruth (Long) Dary, '26, 206 Houston, Manhattan, announce the birth of a son on August 21.

Allen Schober, '33, and Florine (Stutz) Schober, of Manhattan are the parents of a daughter, Sally, born September 17.

M. C. Axelton, '28, and Edith (Johnson) Axelton, f. s. '27, announce the birth of a daughter, Carolyn Esther, August 29.

Milton Kerr, '30, and Nellie (Darah) Kerr, '30, announce the birth of a daughter August 5. Mr. and Mrs. Kerr live at Roselle, N. J.

Dr. G. R. Allingham, f. s. '22, and Mrs. Allingham are the parents of a son born July 31. The Allinghams live at 1721 Humboldt, Manhattan.

Richard Brodhead and Betty (Gaston) Brodhead, '33, are the parents of a son, Daniel Gaston, born August 8. Mr. and Mrs. Brodhead live in Abilene.

R. G. Yapp, '27, and Lena (Topliss) Yapp announce the birth of a son, George James, on August 20. The Yapps live at 211 North Juliette, Manhattan.

Announcement has been made by Mott Luther Robinson, '23, and Mrs. Robinson, 1737 Laramie, Manhattan, of the birth of a daughter, Janet Ruth, on August 16.

Lewis B. Deal, '24, and Wilma (Clark) Deal, f. s. '26, are the parents of a daughter born last June 23. Mr. and Mrs. Deal live at 2242 Elmwood avenue, Berwyn, Ill.

Clarence Lee Gish, '34, and Faye M. (Travis) Gish, are the parents of a daughter, Kathleen Joan, born August 7. Mr. Gish is superintendent of the Kansas State college poultry farm.

L. R. Schruben, '32, and Verla (Finch) Schruben, f. s. '33, are the parents of a son, Ronald Dee, born August 4. Mr. Schruben is teaching music and mathematics in the Centralia high school.

H. Howard Gregory, f. s. '32, and Alice (Peppiatt) Gregory, '31, announce the birth of a son, Phillip Courtney, September 9. Mr. and Mrs. Gregory live at 415 West Twelfth street, Ellsworth.

John H. Reed, '31, and Agnes (Snodgrass) Reed, f. s. '31, are the parents of a daughter, Margaret Ann, born September 3. Mr. and Mrs. Reed live at Ellis where Mr. Reed is secretary of the chamber of commerce.

Hartzell (Ding) Burton, '25, and Florence (Swenson) Burton, f. s. '21, are the parents of twin daughters born on June 18. They live at 3400 Coleman road, Kansas City, Mo. Mr. Burton is a sales manager for the Consolidated Cement corporation.

LOOKING AROUND

KENNEY L. FORD

Two get-acquainted tours were conducted in southwest and south-central Kansas August 19 to 31. Lynn Waldorf, head football coach, and the alumni secretary made the first tour. The general plan of these tours was to hold an alumni picnic in the evening to which alumni of the local and neighboring counties were invited. In addition to alumni Kansas State college students, present and prospective, were invited, as were the superintendent, principal, and athletic coach of the high school in the community where the meeting was held.

These meetings were most successful and enjoyable. The attendance ranged from 30 to 150 at each meeting. Meetings were held at Hays, with L. C. Aicher, '10, and James Yeager, '31, in charge; at Scott City were James H. Kirk, '28; Hugh K. Richwine, '29; Henry and Bob Kirk, members of this year's football squad, assisted in arranging a noon luncheon. At Garden City J. D. Adams, '23, and Earl C. Richardson, '30, had charge of a fine picnic. At Hugoton Perry L. Gardner, '29, and Josephine (Trindle) Chandley, '26, were in charge. Rain made it necessary to hold the picnic at the home of Mr. and Mrs. Smith.

The following evening was spent at Dodge City where Clarence Nevins, '07, and R. W. O'Hara, '30, arranged a delightful dinner at the Lora Locke hotel.

Rain fell at Larned on Thursday night, so the meeting was held at the home of Leslie Wallace, editor of the Tiller and Toiler and a member of the state board of regents. Loren Lupfer, '17; Harvey Hoch, '31; Miriam (Brenner) Bowman, '29; and John Watson, '30, were in charge of this meeting.

Salina had the largest crowd out to their picnic. Charles Shaver, '15; Joe Anderson, '29; and James Douglass, '28, were in charge. Lynn Waldorf made many friends on this tour and a great quantity of fried chicken was consumed.

The following week, August 27 to 31, Frank Root, head basketball coach, and the alumni secretary made a get-acquainted tour, visiting Emporia, Eldorado, Kingman, Ellsworth, Hutchinson, and Newton. Picnic meetings were held at Kingman and Ellsworth. William H. Teas, '24, Clarence Crews, '28; and John H. Coolidge, '25, were in charge of the arrangements at Kingman. George Jelinek, '30, and George Zavesky, f. s. '29, arranged for a most enjoyable meeting at Ellsworth.

Another alumni meeting was held at Wichita Friday evening, August 31, at the Hotel Lassen. A large crowd of Wichita alumni turned out to greet Lynn Waldorf and Wes Frey, assistant football coach. This meeting was arranged by Ralph L. Foster, '22; A. B. Collom, '21; Gerald Ferris, '27; Art Boyer, '18, and others. Sponsors hope to continue these tours into other sections of Kansas during the next year.

MARRIAGES

FERGUSON—GILBERT

The marriage of Jane Ferguson and H. W. Gilbert, '31, of Auburn, Ind., took place June 9 at the home of Miss Ferguson's parents at Lake Cicott, Ind. Mrs. Gilbert has been home demonstration agent in Lake county for the past three years. They are making their home at Auburn, Ind. Mr. Gilbert is at present employed as deputy state entomologist there.

STRICKLAND—BICKFORD

Ruth Strickland, '33, Manhattan, and Max Bickford, '33, Phillipsburg, were married May 26 at the home of the bride in Manhattan. Mrs. Bickford taught music and English in high school at Fostoria last year. The Bickfords are spending the summer in Phillipsburg, but will make their home in Dennison this fall, where Mr. Bickford is teaching in the high school.

TEMPERO—CRAWFORD

Announcement was recently made of the marriage on December 30, 1933, of Edith Tempero, f. s. '33, of Broughton and Wade Crawford, f. s. '34, of Manhattan. The wedding took place in Lincoln, Nebr. Mrs. Crawford has been teaching at Palmer for the past two years. Mr. Crawford is now employed on a gov-

ernment survey project. They are at home at 337 West Ninth street, Junction City.

LAMPRECHT—DITTEMORE

Announcement has been made of the marriage of Rachel Joy Lamprecht, '32, and Paul Lawrence Dittmore, '32, April 7 in Liberal. Mrs. Dittmore had been employed as a reporter on the Topeka Daily Capital. Mr. Dittmore is an accountant and assistant with a United States coast geodetic survey party. His work took them through the northwest and along the Canadian border during the summer.

ACHENBACH—WYANT

Announcement was made recently of the marriage on December 23, 1933, of Virginia Achenbach, Kansas City, Kan., and Zint Elwin Wyant, '32, Topeka. The marriage took place in Oskaloosa. Mrs. Wyant has been teaching at the Highland Park high school for the past three years. Mr. Wyant is with the bridge design department of the Kansas highway commission. They are making their home in Topeka.

COLWELL—MCBRIDE

The marriage of Evelyn Colwell, '25, and Dr. Andrew L. McBride, '31, took place June 9 in Kansas City, Mo. Mrs. McBride has been head of the home economics department of the Bartlesville, Okla., high schools for a number of years. They will make their home in St. Joseph, Mo., where Doctor McBride is connected with the bureau of animal husbandry. Their address is 711 North Twenty-second street, St. Joseph, Mo.

HARTMAN—LUBEN

Announcement has just reached the college of the marriage June 14 of Ernest Hartman, '22, to Miss Hazel Luben in Canton, China, where Doctor Hartman is engaged in silk worm research. Doctor Hartman received his master's degree from Kansas State in 1924, and his Ph. D. from the Johns Hopkins university in 1926. He has been in the biology department of Lingnan university, Canton, China, since the fall of 1928. Mrs. Hartman had been teaching English and conducting the glee clubs in the university.

Youth Council to Meet Here

The Rocky Mountain regional council of the Christian Student Youth council will meet here October 5, 6, and 7 with about 50 delegates from universities, colleges, and junior colleges in Kansas, Colorado, and Nebraska attending. Plans will be made for the Estes Park conference to be held next summer. The Kansas State college Y. M. C. A. has announced that it will have no official connection with the convention.

Demand for Engineers

There is an increasing demand for men in the field of electrical engineering, according to Prof. R. G. Kloeffer, head of the department of electrical engineering. In some cases it has been difficult to find unemployed men to fill these openings. Some men with jobs have been moved to better paying positions. O. A. Harger, '33, and E. R. Jensen, '33, recently secured positions with the S. A. Long Electrical company. J. P. Kesler, '33, has accepted a position with the Westinghouse Electric and Manufacturing company.

Wampus Cats Reorganize

Reorganization of one of Kansas State's best known societies was completed Thursday night when 25 new members were initiated into the Wampus Cats, local chapter of Pi Epsilon Pi, national pep society. Activity of the Wampus Cats this year will be directed toward the sponsoring of pep demonstrations, between half activities at football games, and by promoting enthusiasm and school spirit of the student body, rather than discipline of freshmen. Members of the "K" fraternity will take charge of the discipline of freshmen.

To New University

Pearl Haas, M. S. '33, has been elected head of the home economics department at the new Kansas City university. Miss Haas taught home economics in the junior-senior high school at Bartlesville, Okla., last year. She attended summer school at Kansas State college last summer.

William Knabb, '89, is farming near Leavenworth. His address is route 3.

RECENT HAPPENINGS ON THE HILL

A freshman, having forgotten his cap, rode to school in a taxi last Friday to avoid the paddle lines.

Tenniquoit, a game in which a small rubber tire is thrown across a volley-ball net and back again by the opposing team, is now being played in women's intramurals.

Prof. Paul Weigel, head of the department of architecture, was recently appointed chairman of the Kansas state committee on architectural education by the national chairman of the art education committee of the American Institute of Architects.

Since the Wampus Cats have decided to be "reasonable" this year, the freshmen—and what a big group they are!—needed no persuasion to enact between halves of the Fort Hays-Kansas State game their version of the time honored snake dance.

Howard Rivers, Hutchinson, was recently elected president of the Gargoyle club, an organization of students of architecture. Other officers are Fred Sorenson, Kansas City, vice-president; Donald Bammes, Manhattan, secretary-treasurer; and Ray Lippenberger, Manhattan, sergeant-at-arms.

The annual midnight show dispute between the theater managers and the welfare board is again in the limelight. The managers were asked to appear before the board to show cause why their licenses should not be revoked for operating Saturday "owl" shows in violation of the midnight closing ordinance.

HILL POINTS OUT VALUE OF K. S. STUDENT UNION PROJECT

Would Unify School Spirit, Speaker Says Before Assembly Crowd

A Student Union building is something worth looking forward to and planning for, said Dr. H. T. Hill, head of the department of public speaking, in the closing remarks of his talk before one of the largest assembly audiences in the history of the school last Wednesday morning in the college auditorium. The speaker pointed out the need for a Student Union and the value of such a project in establishing a unity of school spirit through the combined interest of students, alumni, former students and friends of the institution. He urged a definite effort by the student body in that direction.

More than 2,000 students and faculty members heard Doctor Hill's talk which featured the program. It was supervised by the Student Governing association. The speaker presented to the students a new "code" for Kansas State students. He urged students to get something out of school in addition to the facts learned in the classroom. "Study and work; get from your college experience an education worthy of your outlay of time, energy, and money," he declared.

The program included a selection by the college orchestra; Prof. William Lindquist then led the audience in singing, "Alma Mater." Myra Roth gave the invocation. Miss Mary Elizabeth Guthrie played two harp solos. Eunice Justice gave a short talk about the organization and purpose of the Student Governing association and the Student Council. Joe Knappenberger, president of the council, introduced the speaker.

Address System at Stadium

Kansas State college has a public address system for the benefit of football spectators this year, for the first time. The loud speakers of the system are in one unit with the automatic electric time-clock and the score-board. The address system is operated by Prof. H. H. Haymaker of the botany department, who once played in the Wildcat backfield and now is an assistant coach of the freshman squad.

Is Educational Advisor

John B. Griffing, f. s. '04, is educational advisor over the ninth corps area of the civilian conservation corps. He has 270 camps in six states under him. He is stationed at the Presidio where the army corps is stationed in San Francisco, Calif.

KANSAS STATE DEFEATS HAYS 13 TO 0 IN OPENER

VISITORS HOLD WALDORF'S TEAM
SCORELESS FIRST HALF

Elder and Abbott Score Touchdowns
After Mates Carry Ball Down
Field in Third and
Fourth Periods

BY H. W. DAVIS

Lynn Waldorf's and Wesley Fry's 1934 Kansas State Wildcats triumphed over the Tigers of Fort Hays State college 13-0 last Saturday afternoon on Ahearn field. The difference in score represented pretty closely the difference in reserve power of the two teams. Waldorf's replacements finally wore down the power of the Tigers.

The game fell into four phases corresponding exactly with the four quarters. During the first quarter, there was very much conservation, each team feeling out the other without result. The Hays forward wall seemed to be a trifle stronger and more alert, but there was not enough difference to enable Sexton and Palmer of the backfield to make first downs. Each team would cautiously try two punches at the line and then kick. It was a dull opening.

TIGERS NEAR GOAL

In the second quarter the Fort Hays offensive got going and, led by Sexton, Palmer, and Shull, paraded clear down to the one-yard line almost before anybody knew what was up. At that point the Kansas State boys got stubborn and took over the ball. Stoner kicked out of danger. Then the Wildcats decided to do an offensive. Their fight lasted to the Fort Hays nine-yard line where it fizzled without much ado.

Messrs. Waldorf and Fry must have said something to the Aggie line men between halves, for the Aggie line took over the jump and the punch almost from the beginning of the second half. They made holes for Armstrong, Ayers, and Elder, and they got through to spill the Hays backs. Seven minutes after the third quarter opened, Elder, Wildcat fullback, dived over for the first touchdown of the game. His counter followed brilliant work by Armstrong and Churchill. Stoner kicked the goal.

RESERVES SCORE

Most of the third quarter was a battle between the tiring Tigers and the fresh Kansas State replacements. Ayers and Warren furnished thrilling offensive work and from the eight-yard line, Abbott, behind perfect blocking, tore over for a touchdown. There was only one Kansas State letter man in the lineup when the second touchdown was scored.

Fort Hays State	Pos.	Kansas State
Gruver	LE	Churchill
Zigler	LT	Flentrop
McKee	LG	Partner
Huffman	C	Griffing
Drelling	RG	Sundgren
Bender	RE	Maddox
Reinhold	RT	Freeland
Sexton	QB	Stoner
Palmer	LH	B. Kirk
Shull	RH	Abbott
Reissing	FB	Warren

Officials—Referee, E. W. Cochrane, Kalamazoo; umpire, Strong Hinman, Wichita; headlinesman, E. A. Thomas, Topeka.	
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Score by periods:

Kansas State	0	0	7	6—13
Fort Hays	0	0	0	0—0

The summary:

First downs not including touchdowns: Kansas State 17, Hays 7. Yards from scrimmage: Kansas State 252, Hays 65. Passes attempted: Kansas State 13, Hays 14. Passes completed: Kansas State 5, Hays 7. Yards gained passing, including run: Kansas State 58, Hays 67. Passes intercepted by opponents: Kansas State 1, Hays 3. Total yards lost, penalties: Kansas State 40, Hays 15. Total yards lost in scrimmage: Kansas State 21, Hays 12. Ball lost on downs: Kansas State 2, Hays 1. Number punts: Kansas State 10, Hays 10. Total yards punts: Kansas State 362, Hays 432. Return of punts, yards: Kansas State 65, Hays 46. Number kickoffs: Kansas State 1, Hays 3. Total yards kickoff: Kansas State 55, Hays 114. Yards return of kickoff: Kansas State 37, Hays 22. Number fumbles: Kansas State 3, Hays 0. Own fumbles recovered: Kansas State 3.

Touchdowns: Kansas State 2 (Elder and Abbott). Point after touchdown: Kansas State 1 (Stoner).

HARRIS A FORUM SPEAKER— OTHER EVENTS ANNOUNCED

Holtz Outlines Other Activities of Fall and Winter Program

State Senator Fred Harris, a member of the board of regents, will be the speaker at noon today at the college cafeteria as the fall series of student forums get under way. Senator Harris, who was special investigator for Governor Landon in the Finney bond scandal, is being brought to the campus by the Riley county Republican committee. He will discuss Governor Landon's record and urge his

reelection. Mr. Harris is expected to talk from 12:25 to 12:50 o'clock.

Mayor Omar Ketchum of Topeka, Democratic candidate for governor of Kansas, will be the speaker at the second Y. W.-Y. M. C. A. forum, October 10. These meetings are held on the second floor of the college cafeteria during the noon hour and are open to anyone who cares to attend.

Dr. A. A. Holtz, secretary of the Y. M. C. A., also announced that the organization will sponsor a Sunday school basketball league, band day at the parents' day football game with the University of Missouri November 10, gospel teams, go-to-college teams, Hi-Y extension teams, three retreats, the annual Aggie Orpheum, fraternity forums, discussion groups, membership meetings, basketball stunts and the Estes Park delegation.

Wildcat Turns Tiger



Eldon Auker, three letter sports star as a Kansas State Wildcat, who has played an important part in pitching the Detroit Tigers to the American League championship. Auker may see action in the world series against the St. Louis Cardinals, beginning today. Auker was graduated from Kansas State in 1932, pitched for Beaumont of the Texas League most of the season, and was then taken to Detroit to close the season. He won his spurs as a starting pitcher early this season.

SONS OF FORMER STARS REVIVE GRID MEMORIES

Three Men Who Made Football History
a Generation Ago Have Boys
on Freshman Squad

Kansas State college football followers who have vivid memories of the great teams turned out in the coaching days of Mike Ahearn, now director of athletics, and in subsequent years, will have an opportunity to gain new thrills next fall in connection with the names of the heroes of an earlier period. Three sons of old-time Kansas State players are members of the present freshman squad, and all three "look as if we could use them," says Coach Lynn Waldorf.

The freshmen are George Roots, son of Harvey Roots; Junior Speer, son of W. G. (Bunt) Speer, and Winter Pollom, son of Lester Pollom. The elder Roots is now an insurance man in Wamego, Speer a publisher's representative in Manhattan, and Pollom is state director of vocational education, Topeka.

Young Roots is, like his father, a tackle. His father's gridiron exploits are almost legendary on the Kansas State campus now. One of them was the making of 19 touchdowns in a single season from the tackle position! His son weighs 185 pounds and is still growing, was outstanding at Wamego high school, and is working at tackle and center with the freshmen.

W. G. (Bunt) Speer was one of Kansas State's greatest halfbacks and quarters, being selected at quarter on Mike Ahearn's all-time Kansas State team of a few years ago. His son runs more to the "blocking tackle" rather than the ball-lugging type, and blocking is Kansas State's big need at present.

Young Pollom, a 170 pounder, was an outstanding half at Seaman high school, which has one of the greatest winning records ever hung up by a small high school team in Kansas. His father also was a halfback and a left-handed passer, but was perhaps better known as a great pitcher for Kansas State baseball teams. His period of competition was later than that of Speer and Roots.

"We have had other sons of old-time Kansas State players in school, but none that I can recall who have won varsity letters," Ahearn says. "It's quite a thrill to see three of them come in one year."

DOWNTOWN ETCHINGS ON EXHIBITION TWO WEEKS

Princeton University To Get Show Next
—Two Diego Rivera Lithographs
in Current Exhibition

One hundred and five prints from the Downtown galleries, New York City, all done in the modern manner, are now in the gallery of the department of architecture for a two-weeks showing. Their next sponsor is to be the architecture department of Princeton university.

Diego Rivera, about whose work in Radio City there has been such controversy, is represented by two lithographs on Mexican subjects: "Boy and Dog," with a sloe-eyed lad sitting placidly in a corner, one end of a tamale stuck into his mouth; and "Zapata" wherein are crudely armed peons led by another, sickle in hand, leading a white horse—all heedless of a dead man beneath the horse.

"Pop" (George) Hart, well known artist who died late last spring, has four somewhat grotesque prints: "Spring Time" of a barefoot gorilla-like man shaving near an open window; "Cock Fight," a Negro scene; "Dias de Fiesta," aquatint of a Mexican scene; and "Poultry Man" caricaturing two figures before duck pens.

"Hanted," "Route 6," and "Circus Night"—all by Martin Lewis—are attracting much admiring notice. Lewis has won many prizes and has prints in most of the leading art galleries of the country such as the Metropolitan museum, New York City, and the Chicago Art Institute. Louis Lozowick, the Russian born Communist, president of the Artists' Communist club, has here three prints. "Beautiful work!" comment the architecture faculty of his drawings.

STUDENT RADIO BROADCASTS PRESENTED DAILY THIS MONTH

Twenty-Minute Programs To Be in
Charge of Advanced Students

Student radio programs this year are to be presented over KSAC under the direction of advanced students in radio, assisted by members of the beginning classes. Prof. H. B. Summers of the public speaking department announces that the seven programs will extend over a four-week period which started October 1.

A twenty minute program is being presented each afternoon between 1:30 and 1:50. "What's New in the World" is a program concerned principally with science and invention and is presented each Monday. A "National Affairs" program is presented on Tuesday afternoon; "Current Opinions" on Wednesday; "College News" on Thursday; "International Affairs" on Friday, and a second program, "On the Campus," between 4:30 and 5:00 o'clock.

McMillin a Radio Speaker

A. N. (Bo) McMillin, former Kansas State head football coach, was heard Sunday night on a radio program from Indianapolis to Admiral Byrd and his crew in Little America. Two of Bo's friends are members of the South Pole expedition.

PROGRESS OF KANSAS PRESS F. E. C.

Harold O. Dendurent, '34, is leg man for the Morning Chronicle in Manhattan. Last year he was editor of the Kansas State Collegian.

The Humboldt Union has a fine society page. Whoever covers society there does a thorough job of it. A recent issue carried 23 headed stories on society. C. A. Reynolds is editor-owner of the paper.

H. S. Wadham, editor-publisher of the Barnard Bee, is making an introductory offer to new subscribers within the next two months. He is offering a 15 month subscription to the Bee at a 50 per cent saving. Wadham puts out a newsy little paper.

The Liberal News carries an interesting and helpful feature for the farm subscribers. It devotes about half a column to market quotations for both local and outside markets. This is a feature all farm subscribers are interested in. Walter Zimmerman is editor of the paper.

Raymond Derr, South Haven New

Football Schedule, 1934

Sept. 29—Kansas State 13, Fort Hays State 0.
Oct. 6—Manhattan college at New York City.
Oct. 12—Marquette university at Milwaukee. (Night.)
Oct. 20—Kansas university (Homecoming) at Manhattan.
Oct. 27—Tulsa university at Tulsa.
Nov. 3—Washburn college at Topeka.
Nov. 10—Missouri university (Parents' day) at Manhattan.
Nov. 17—Oklahoma university at Norman.
Nov. 24—Iowa State at Manhattan.
Nov. 29—Nebraska university at Lincoln.

HOME STUDY SERVICE IN SELECT NATIONAL GROUP

Department Passed Rigid Inspection—
Kansas State Is First Land Grant
College Admitted in 15 Years

The home study service department of Kansas State college has been named a member of the National University Extension association, according to Dr. George Gemmell who is head of the department. Kansas State college is the only land grant college extension department to be taken into this very select organization in approximately the past 15 years. Only three other land grant colleges were represented before that time. There are only two in this state, the University of Kansas and Kansas State college.

The department here was rigorously inspected by Prof. A. A. Reed of the University of Nebraska, before being accepted. One of the requirements is that all members of the faculty have standard college degrees. The department here has a superior faculty in that all have master's degrees or more.

Under the present arrangement, credits earned in the home study department will be automatically accepted by the other 48 members of the association. Membership in the organization is received as a recognition of good work and is considered an achievement. University of Kansas members have for many years supported the Kansas State bid for membership.

The principal universities of this country, the University of Hawaii, and a few of the better known colleges are represented in the association. The 49 members include Harvard, Rutgers, Columbia, Syracuse, Pittsburgh, Washington university in St. Louis, and William and Mary college.

Cheerleaders Selected

Floyd Brown, Wichita, the newly elected cheer-leader, and his teammates, Bob Dill, Winchester, and Edward Arnsperger, Larned, are to keep "the old pep" alive at the games this year. Clare Hamilton, Geneseo; Lawrence Holuba, Manhattan; and Milton Bilger, Topeka, will lead the uproar for the freshmen. These leaders were given their respective positions by a special committee of judges after a demonstration by ten freshman students and five upperclassmen held in Nichols gymnasium.

WILDCATS PREPARE FOR INTERSECTIONAL GAMES

ALUMNI GATHERINGS PLANNED
ALONG ROUTE

Leave Thursday on 2,822 Mile Trip for
Tilts with Manhattan College and
Marquette University in
Milwaukee

With the first game out of the way, a 13 to 0 win over Fort Hays State, Kansas State's football team started Monday to prepare for two intersectional games involving 2,822 miles of train travel within the next two weeks. Twenty-six Wildcat football players and the coaching staff will leave Manhattan Thursday afternoon for New York City where they play Manhattan college Saturday. After the game they will make a brief stop in Washington, D. C., practice three days in Chicago, and then play Marquette Friday night, October 12. They will return home Sunday, October 14. The trip will be the longest ever undertaken by a Kansas State team. Additional trips this season will involve absence from classes only on Saturday morning.

Alumni gatherings will be held at various points along the route, the largest in New York City where the Eastern Alumni association is holding a reunion October 6 which will include old grads from several states. A cheer leader has been appointed for the game and former students of all other Big Six schools and all former Kansans have been invited to sit with the Kansas State group. Other gatherings are planned in Toledo, Ohio, Washington, D. C., Chicago, and Milwaukee. The Wildcats are believed to be the first team from Kansas ever to play in New York City.

MEEHAN THE MANHATTAN COACH

During the three years Coach Lynn Waldorf played under John (Chick) Meehan at Syracuse, the Orangemen lost only four games. Meehan is now coach at Manhattan college.

"Excellent condition" was the report of the Kansas State scout on the Manhattan college team after the Manhattan-St. Bonaventure game last week. Manhattan has been practicing since September 1, giving the Jaspers a 10-day edge on Kansas State. Harry McGee, former Kansas State guard and captain and an all-Missouri Valley man of eight years ago, scouted the Manhattan-St. Bonaventure game.

The Kansas State starters will be outweighed 10 pounds to the man by Meehan's crew. Waldorf will start a set of all-letter forwards averaging 184 pounds while Manhattan's sophomores will average 194. Backfield averages will be the same, 178 pounds. Kansas State will have the heaviest man in the line—Captain George Maddox, 212 pound tackle—also the lightest man—Gene Sundgren, 158-pound guard.

HAYS VICTORY NOT IMPRESSIVE

Manhattan uses a spectacular military type of huddle developed by Meehan at N. Y. U., while Waldorf is using a close huddle followed by a shift which gets into position quickly.

Coach Waldorf says he was quite happy to win from the veteran Hays team which was heavier than the Wildcats. However, the 13 to 0 victory was unimpressive. Waldorf said the outstanding weakness of his team was on offense, particularly passing. The team did not complete a forward pass the first half, several tosses falling incomplete. The team was slow going down on kickoffs and punts and the line blocking was weak. He was satisfied with other departments of play, particularly the defense, although the pass defense was weak at times. Waldorf was pleased over the general spirit of the group, particularly during the second half in which Fort Hays made only one first down, that on a pass.

The second touchdown was scored with only one letterman, Dan Partner, in the lineup. Beeler and Holland, guards, and Hays and Burns, ends, all sophomores, performed creditably. Armstrong and Ayers ran the team well. Armstrong, although a veteran, was playing his first game as quarterback as was Ayers, a sophomore.

March Best Time to Plant Fruit

Fall planting of fruit trees is not recommended by R. J. Barnett of the Kansas agricultural experiment station. He says that the average Kansas winter is too dry for even November planted trees to make sufficient root growth to supply their water requirements until spring rains. March is the best month for tree planting in Kansas.

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Volume 61

Kansas State College of Agriculture and Applied Science, Manhattan, Wednesday, October 10, 1934

Number 4

KANSAS FOOTBALL FOE FOR HOMECOMING GAME OCTOBER 20

CEREALS SUBSTITUTE FOR TAME PASTURE GRASSES

TEMPORARY CROPS TO MEET PASTURE SHORTAGE

A. E. Aldous, Professor of Pasture Management, Recommends Cereal Crops to Replace Grasses Killed by Drought

The severe drought of last summer has killed most of the tame pasture grasses in eastern Kansas. The only exception to this is brome grass which appears to have survived in good condition, says A. E. Aldous, professor of pasture management at Kansas State college. Kentucky bluegrass, which is the principal forage plant in most of the permanent pastures in the eastern section of the state, has been practically all killed. Unless very favorable climatic conditions prevail early next season the blue-stem pastures will not supply their normal amount of pasturage, especially during May and the first part of June. This condition is going to cause an acute shortage of pasturage next season which will be more serious owing to the shortage of all feed crops, Mr. Aldous explained.

WILL AID IN RESEEDING

The shortage of pasturage next season may be met largely by the use of temporary pasture crops which can be used as a main source of feed until in June. The use of temporary pasture crops to supply feed for livestock during the first part of next season also will permit the improvement of the permanent tame pastures by reseeding, or, in case of the native pastures that retained their vegetative cover, to increase their productivity by protecting them for a short period after growth starts, the pasture specialist pointed out.

Since the pastures of eastern Kansas are in such poor condition and will supply only a very small amount of feed next spring, it is imperative that temporary pastures be provided. A sufficient acreage of rye or winter wheat should be seeded this fall to provide pasture for livestock during the spring and early summer months as well as during the fall and winter periods. In those areas where wheat and rye cannot be seeded, oats may be used because it makes an excellent spring pasture crop, according to Professor Aldous.

COMBINATION SEEDING GOOD

Experiments indicate that they are the most palatable of the grain cereals for all livestock and are highly nutritious. They may be seeded with Korean lespedeza for spring and summer pasture. The oats will supply forage until early in June and the lespedeza from the latter part of June until frost.

Owing to the fact that all grain cereals are very high in protein content the livestock grazing them should have access to dry feed such as a straw stack, corn fodder or sorghum butts. This combination is essential to better balance for the ration and to prevent excessive scouring. All the grain cereals that are planted primarily for pasture should be seeded at about double the normal rate. A thick stand provides a heavy turf which protects the soil better from tramping in wet weather and it provides a better quality of forage.

TREES AND SHRUBS SUBJECT OF BULLETIN OFF THE PRESS SOON

Hardy Varieties Suited to Western Kansas at Fort Hays

Bulletin 270 of the Kansas agricultural experiment station, "Hardy Trees and Shrubs for Western Kansas," is now on the press. The author, E. W. Johnson, was forest nurseryman at the Fort Hays branch station for several years.

The bulletin reports primarily results obtained at Hays for the last 20 years. Such a period is fairly representative of conditions in that part of the state. The findings regarding hardiness should, therefore, be of

real value in making future plantings in western Kansas, according to the author.

Johnson names hardy trees and shrubs, both deciduous and conifers, adapted to western Kansas. In addition he discusses preparation of the soil, methods of planting, and care of trees and shrubs.

Bulletin 270 will be the only material available on this subject from the Kansas agricultural experiment station. The bulletin is well illustrated, having 17 illustrations, and will be not less than 32 pages in size.

MORGAN GIVES CHALK-TALK HISTORY OF ARCHITECTURE

Calls Chicago Fair 'Century of Decadence'—Forecasts Buildings on Equilateral Triangle Principle

The development of the different styles of architecture from the days of the Egyptians and Mayans was traced in student assembly last Thursday morning by Prof. C. L. Morgan, new member of the department of architecture. Standing at an easel on the platform he sketched with colored chalk examples of the various stages of this "finest of the useful arts," and embroidered his tale with humorous anecdotes.

For Egyptian architecture he sketched the entrances to caves, architecture in the vertical; for Greek style, which added the horizontal, a group of buildings on the Acropolis; for the Romans, who contributed semi-circular arches, an aqueduct in south Italy; for the contribution of the Goths, the rear of the Cathedral of Notre Dame in Paris, showing the flying buttresses and pointed arches; for modern experimentalists, the glass sky-scraper tower of an Amsterdam, Holland, university building designed by Theodore Hjelweidervelt.

The Century of Progress he dubbed the Century of Decadence architecturally, with its pretense of being modern and its failure to be faithful to the central precept of art stated by Aristotle, that "form must follow function." He objected to the camouflage and insincerity shown in the buildings there, but expressed a belief that flat roofs could be well worked into our domestic architecture. The equilateral triangle, he believes, has more possibilities for the future development of architecture than has the round, or even the rectangle of the past. The last 10 minutes of his lecture he devoted to answering questions from the audience.

Max Martin, Richard Jenson, and George Henry, all of the music department faculty, played a string trio arrangement of "Deep River" before the lecture, refusing an encore in spite of enthusiastic applause.

FIFTY COME TO CAMPUS FOR CHRISTIAN STUDENT SESSION

Y. W. and Y. M. Join Forces to Plan Year's Program

Fifty students and their adult advisers from Nebraska, Colorado, and other campuses met in Manhattan last week end for the first session of the Rocky Mountain council of the Student Christian movement. This organization combines the Y. M. and Y. W. C. A. groups into one cooperating unit, making separate conventions unnecessary.

The Rev. Harold Case, Topeka, was the chief speaker Friday night, and the Rev. James Chubb, Baldwin, Saturday morning, both addressing the delegates in Calvin hall. Miss Stella Scurlock and Harold Colvin, regional secretaries of the Y. W. and the Y. M. C. A., were on the campus throughout the sessions. Saturday afternoon and Sunday morning were devoted to committees meeting separately to plan the year's work in the region, including next summer's Estes conference.

CALL AND GRIMES ACTIVE IN WAR AGAINST BINDWEED

GROUP ASKS LEGISLATURE TO PASS NOXIOUS WEED LAW

Prof. J. W. Zahnley Discusses Spread of Bindweed, Its Effect on Land Value and Methods of Controlling the Serious Pest

Members of the division of agriculture at Kansas State college are taking an active part in efforts to obtain enactment of a noxious weed law at the next session of the Kansas legislature which will coordinate efforts of all agencies working for weed eradication. The law is designed particularly to wage war on the spread of bindweed. L. E. Call, on leave of absence as dean of the division of agriculture to head the federal land bank at Wichita, and W. E. Grimes, acting dean, were members of the committee which drafted a resolution passed recently in Topeka at a statewide meeting called by J. C. Mohler, secretary of the state board of agriculture. The resolution, which was adopted, named a committee to draft the law.

The resolutions committee on which Mr. Call and Mr. Grimes served also included C. W. Taylor, chairman, J. Frank Jarrell, Ira Taylor, C. C. Cunningham, L. J. Blythe, J. A. Showalter, A. W. Large, Rex Singleton, and J. C. Mohler. Taylor was named chairman of the committee to draft the law.

The growth and spread of bindweed, its effect on crop production and the value of land, and methods of control were discussed at the state meeting. It was brought out clearly that the introduction of the pest into unaffected areas comes through the purchase and distribution of feed-stuffs and bedding for livestock originating in infested territory.

Attention has frequently been called to the drastic means necessary to effect eradication of bindweed, according to J. W. Zahnley of the agronomy department of the college. The very nature of the weed enables it to withstand efforts of control. Spreading by means of both roots and seed makes it exceedingly difficult to eradicate. Bindweed resembles several other weeds and is often mistaken for them. As a result it is allowed to get a start on many farms and in time greatly lowers the value of the land. Some of the weeds often confused with the field bindweed are the hedge bindweed (convolvulus sepium), wild buckwheat (polygonum convolvulus), and the climbing milkweed. The field bindweed can be distinguished from these, however, by its

small white or pink bell-shaped leaves with blunt or rounded tips.

An application of sodium chlorate to one gallon of water is an effective spray. Two hundred gallons of the solution should be applied to each acre in August and 100 to 150 gallons in September and again in October. Salt can be applied effectively at the rate of one pound per square foot or 20 to 25 tons per acre but will destroy productivity of soil for years. Probably the most economical method of controlling bindweed over large areas is by the intensive cultivation of summer fallow ground.

Professor Zahnley says if the rapid spread of bindweed is not checked effectively soon, the outcome will be devastating to many states of the union.

TESTS SHOW FLAX IS GOOD SOUTHEASTERN KANSAS CROP

Experiments During 4-Year Period in Wilson County Show Good Cash Return

Flax is a good cash crop for southeastern Kansas, according to H. H. Laude, agronomist of Kansas State college, who quotes results of tests made at the Rest experiment field in Wilson county.

In a four-year period flax averaged 12 bushels per acre there as compared to 33 bushels per acre for oats. Since the average price per bushel for flax was about six times greater than the price of oats, gross income per acre was twice as great for flax as for oats, Laude said.

Other experiments made at the Columbus field demonstrated that flax does especially well on ground which was planted to soybeans the year before. Yields of flax after soybeans averaged about 14 bushels; after oats, 12 bushels; after corn, 10 bushels. The soybean land needs only disking, harrowing, and probably rolling in the spring to be in excellent condition for flax, according to Laude.

Stubble fields of either oats or wheat can be put in good condition for flax if plowed during the summer, while late fall plowing of such land is not satisfactory. Flax does well after corn, the experiments show, if the land is fall plowed. The average yield of flax at Columbus was 10.1 bushels on fall plowed corn land compared to 7.8 bushels where land was only disked in the spring.

Flax leaves land in good condition for other crops, Laude explained. In experiments at Parsons corn after flax yielded 5 to 8 bushels more than after wheat. The area to which flax is well adapted is that portion of Kansas south of the Kaw river and east of the Flint hills, the agronomist said.

PROF. O. W. ALM DISCUSSES CHILDREN'S LIES— TELLS PARENTS HOW TO HANDLE PROBLEM

"The readiness of people to believe the stories that children tell is a source of much harm," said Prof. O. W. Alm of the psychology department in a talk given recently at the college.

According to Professor Alm the unreliabilities of children's reports can be classified as those due to unintentional misrepresentation of happenings, those due to unintentional confusion of reality with feelings and imagination, those due to pathological lying, and those due to unintentional deception.

Children do not have the long experience and emotional control necessary for careful observation, he pointed out. From their memory for any complex event, some things are entirely forgotten, others added, substitutions made and the order of events rearranged.

Much of the misrepresentation in a child's stories, he continued, is due to limited vocabulary. Some of the words which he uses have meanings for him which no adult would suspect. Misrepresentation of this sort

gradually decreases as the child's ability for observation and memory improves.

According to Professor Alm, instead of acting out such make-believe activities as playing house and hunting Indians, some children day-dream about them, doing their day-dreaming out loud to other people. These imaginary experiences often have much more reality than ordinary real happenings to the child.

"The child should learn not to tell these stories as true happenings. His satisfactions in life should come largely from action, from real achievement and from facing reality, and not from day-dreaming.

"Pathological lying," stated Professor Alm, "has two forms: one sometimes called pathological accusation. In small children it resembles exaggerated stories just described. But the reports are very often about fights, crimes, moral offenses committed by his parents or others, and which have no foundation in fact.

"In adolescents or older children," (Concluded on last page)

PLAN MANY FEATURES FOR ANNUAL REUNION

PEP MEETING AND DANCE AMONG EVENTS SCHEDULED

Registration of Graduates Precedes Luncheon in Thompson Hall Saturday with K. U.-Kansas State Game Following

If Indian summer will cool off a bit so the women may wear their new winter clothes and the temperature will be more favorable for fast action on the football field, the setting for the annual homecoming activities on October 19 and 20 should be nearly perfect.

Parading bands, a reunion dinner, decoration contests, a varsity dance, and the football game between Kansas State college and the University of Kansas, known as the "classic of Kansas," will be features of homecoming activities. It will be the first conference game of the season for the two teams. Activities will start with a pep meeting on Friday night, October 19, in the college auditorium.

SPECIAL SECTION RESERVED

Special attention will be given to the many alumni who return annually for the Kansas game and to renew friendships. Kenney Ford, secretary of the alumni association, who is now traveling with the football squad on the New York and Chicago trip, has planned an alumni luncheon to be held upstairs in the college cafeteria Saturday noon. After the luncheon the scene will shift to Memorial stadium where Wildcat and Jayhawk tangle.

Tickets for the alumni section of the stadium may be obtained at the alumni office where alumni are asked to register Saturday forenoon. Seven sections will be reserved for Kansas State college, one of them a choice section for alumni. A special section also will be reserved for Kansas editors on the east side. Approximately 500 editors are expected. There will be approximately 3,100 unreserved seats at the north end of the stadium at bargain prices of \$1.10.

Kansas university is planning to have a big cheering section, has ordered a block of 500 seats and has asked that 500 more be held, according to Frank Myers, in charge of ticket sales.

GAME TO BE BROADCAST

Those unable to attend the game will be able to hear it announced play by play from station KSAC as the system of broadcasting games has been reinstated this year. The new amplifying system which is used in making announcements to spectators will be in operation.

While spectators are watching the bands parading between halves of the game the radio audience will have a chance to meet Governor Alfred Landon and Chancellor E. H. Lindley of Kansas university whom President F. D. Farrell plans to introduce.

Another feature on the program between halves will be the introduction of alumni who were star football players in their college days.

Fraternalities probably will decorate their lawns for homecoming as usual. A limit on the price of the material used in the decoration will be established.

Social organizations are planning parties and get-togethers in honor of returning alumni.

Recognition to Millers

The milling department of Kansas State college is evidently well and favorably known all over the United States, for the publishers of the new revised Webster's dictionary sent all words connected with milling to this college for correction. Earl B. Working, associate professor, and Royce O. Pence, instructor in milling industry, edited the terms, while Miss Helen Elcock, associate professor in the English department, assisted with correcting the pronunciation of the words.

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WEDNESDAY, OCTOBER 10, 1934

THE MIDDLE ROAD

American intellectuals and liberals who have been dubious concerning the democratic theory of government (some of them sneeringly calling it an iridescent dream) have been on the increase in the last two decades. To these more recently have been added an appreciable number among business men—especially among the industrialists—who point to Mussolini as the ideal government head—the MAN-Who-Gets-Things-Done.

Comforting it is, then, to have such an intelligent liberal as Ludwig Lewisohn rise to the defense of the democratic form of government. His words have additional weight from the fact that his appraisal of us comes after a ten-year absence from the country—ten years of living in Europe.

"It is the common people of America whom I had most thoroughly forgotten, who have amazed me most," he writes in the October issue of Harper's Monthly magazine. "Here we have what is virtually a classless society, or, if one prefers, a society overwhelmingly lower middle class but quite without the European lower middle class' anxious and corrupting watchfulness of classes both above and below. It is admitted in my adopted New England town that the leading bankers and lawyers are 'smart men,' not today without a shrewd enough insight into certain aspects of that 'smartness'; it is not admitted, no, it is not dreamed of that the qualities by which they succeed make them either better or higher-class than the ordinary citizen who saves his respect for high character and for certain definite types of learning and intellectual power.

"It is the common run of American men and women that I find still to be less driven and hardened, less cruel and rapacious, far less either flunkies or snobs, kindlier, better spirited, freer and more naturally conscious of freedom and therefore more tolerant than the people of other Western lands.

"And I attribute these qualities to certain virtues in the traditions of our polity which despite the moral evils fastened on us by the war... by the gambling fever of recent administrations, have not wholly perished from the land."

The American faith in the democratic theory, in libertarianism, is being yet more conclusively proved a logical faith. It is the middle road of a humane civilization, aloof from the violence and tyrannies both of communism and of fascism.

PAMPHLET A BEST SELLER

The United States Children's bureau issued in 1914 a pamphlet entitled "Infant Care" which has achieved the proud position of a best seller. The book, which has been circulated all over the world, is about to pass the 800,000 mark. Compiled by a group of famous "baby doctors" in 1914, it was revised in 1929. It is a simple straightforward presentation of the problems which confront the mother in raising her child during the first years together with specific advice for the treating of common ills and prevention of more serious ones.—The Saturday Review of Literature.

BOOKS

Theory and Practice Linked

"Principles of Mechanism." By C. E. Pearce. John Wiley and Sons, New York. 1934. \$3.50.

This book is intended to be used as a college text, chiefly by sophomore students in electrical and mechanical engineering. Since such students have had only slight contact with engineering works, considerable emphasis is placed upon the practical applications of the principles involved and many illustrations are included. These are photographs of actual machines.

Although not a great deal of original material is presented, this book seems likely to occupy a secure position among college texts for engineering students for the following reasons: (1) thorough covering of the field for which it is intended, (2) careful discussions of the advantages, possibilities, and limitations of the various mechanisms described, (3) unusually large number of problems, the majority of which are taken from actual design and construction, (4) a considerable number of graphical methods for the solution of problems which will be particularly useful in laboratory work, (5) arrangement of material in a logical sequence which contributes to ease in presentation, and (6) excellently prepared line drawings together with carefully chosen photographs of commercial machines definitely linking theory and practice.—M. A. Durland.

For Lovers of Poetry

"Red Earth." By Jennie Harris Oliver. Burton Publishing company. Kansas City, Mo. 1934. \$2.50.

Another poet has come out of the middle west. She is Mrs. Jennie Harris Oliver of Oklahoma City and true to her home country, has named this book, a complete collection of her poems, "Red Earth."

In her title poem she makes poetic warnings:

"Oh, do not seek this red land
When redoubt lamps are burning—
(The rose-red lamps in leafless
spring the gods go lighted by)
And do not seek affection
If you've any thought of turning;
For red earth will hold you till you die."

With this book Jennie Harris Oliver forever identified herself with Oklahoma. It is as an Oklahoman, a plainswoman, that she will be remembered. She has linked herself to the red earth with such poems as "The Hounds of Spring," "The Leader," "Windwakes," "Black Gold." She has sent her roots into the red earth with such phrases as "breathe the flame of this rainless air" and "what we have planted, gods or man may harvest."

All of her poetry is colored by the intensity of her feeling for her home state. She has seen it in all its varied dispositions—when it is smiling in spring, when it is furious with dust and wind, when it is sullen with heat from a sun intense and persistent, when it is wild with rain and "the gutters brim and run like blood."

All this she has written, and more. If she fails now and then to meet the standard she set for herself with such poems as "Red Earth," she redeems herself in many ways. Not the least of these is in her ability to tell an almost legendary tale or two of the wolves. Not all sweetness and light is Oklahoma, nor roses blooming in the moonlight—and Jennie Harris Oliver would have you know it as it is. She makes a pleasant tapestry of "Guthrie, in June." She paints a picture harrowing in realism of the oil town. No pretender is Mrs. Oliver, as any honest Oklahoman will admit.—Helen Sloan Sorrells, '31.

JUST PLAIN FOLKS

Purists are always having difficulty with the words "folk" and "folks." One purist was once heard to ask: "What will folk think?" It was probably one of the silliest sentences ever spoken. The purist speaking it had presumably heard that "folk" is a collective noun meaning "people," and that "folks" is consequently a false plural. But language is not as simple as that. Actually the word "folks" means something which every American understands as well as he understands anything. Perhaps because America is not made up of a single folk but of several different ones fused in a new social condition, the word "folks" has come into use as a more accurate version of what might be called the "folk" in another country.

In a sense, "folks" is a preciser word than "folk" in the United States, just as it is a more natural

word. It is, indeed, the only natural word to use in reference to the general run of Americans. Baseball may be a folk-game, and Paul Bunyan a folk-hero, and chewing gum a folk-habit, but they are these things because folks make them. There is no other word that means what "folks" means in such a sentence as: "I'm going to visit the folks at Christmas." If the word "folks" has in the past been somewhat dubious, so have many words which have finally established themselves.

The word will take on a new dignity and a settled meaning with the publication of Ruth Suckow's novel, "The Folks," which is one of the most impressive novels of this century. It is a folk novel of a new kind... There is hardly a paragraph in the book which does not make

jobs back, assuming the return of prosperity. How many of the able-bodied and the young among the working population must the government reckon with as a permanent army of unemployed?—The Nation.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Mrs. Mame (Alexander) Boyd, '02, of Phillipsburg, was elected to the advisory council of the K. S. C. Alumni association.

College debaters were to meet Oxford university, England, debaters, who were touring the United States. Approval of America's refusal to enter the League of Nations was the topic for discussion.

Sophomore class officers were Hoyt

Why Kansas Needs Pasture

R. I. Throckmorton

Ownership of land carries with it certain definite responsibilities as well as certain privileges. The responsibilities are to the present owner, to future owners, and to the country. An owner is responsible for maintaining the land in a good state of fertility and for passing it on to the next owner in a high state of productivity. The manner in which it is passed on, whether by inheritance or purchase, does not alter this responsibility.

Much has been said of crop adjustment in recent years. It is evident to the observant traveller that Kansas has too much land under the plow and not enough in pasture and hay crops. A good balance between land used for grain crops and land used for pasture and hay crops and for summer fallow would reduce the wheat and corn acreage of Kansas by more than twenty-five per cent. This change would establish a much more stable type of agriculture than we have under the present system in which practically all land that can be plowed is under cultivation.

Sloping, rolling, and hilly lands that should have been left in native grasses have been plowed and are being severely injured by erosion. Some of these areas have been eroded to such an extent that they are practically valueless for the production of grain crops, and are becoming more difficult each year to reseed to grass. This unbalanced condition between plow land and pasture land has resulted in a shortage of pasture, with resultant overgrazing of most pasture land. Over-grazing has resulted in the replacement of the valuable grasses, such as the bluestems and grammas, by annual grasses, weeds, and brush.

In many cases, the pastures have been grazed so heavily that the turf has been destroyed and erosion has taken place to such an extent that gullies have been started. Sheet erosion has become severe on land covered only a few years ago with a dense turf. For these reasons, one of the major immediate problems of Kansas agriculture is to return more land to pastures and the production of hay crops.

some fresh observation upon American common life or give rise to a start of happy recognition in the reader. Because it is extraordinarily life-like the interest in the narrative never lags. These folks are so real that to meet them is to believe in them, and to believe in them is to want to go on knowing more about them.—Carl Van Doren in Wings.

UNEMPLOYMENT PUZZLE

How many persons on relief rolls are unemployable because of age or infirmity and are likely to be permanently dependent upon some type of public assistance? To obtain an answer to this question the FERA will send out 2,600 investigators into 800 industrial centers throughout the country, and for the first time we shall have reasonably approximate census data showing the total of the industrially halt, lame, and blind. The findings of this study will be turned over to the president's committee on economic security now mapping out a legislative program. Carington Gill, assistant administrator in charge of the study, is tremendously ready for the worst. The findings, he is reported to have predicted, will probably be "a terrific shock to the nation." They will disclose, he is said to expect, that even a return of prosperity will not wipe the relief rolls sufficiently clear to warrant stopping future federal aid. That the FERA should devote itself to gathering data of this kind and that proposals for legislation may be expected is good news. Still more valuable would be a study of the problem of how many of the 10,000,000 currently unemployed will ever get their

Purcell, president, Katherine King, vice-president, Janice Barry, secretary, all of Manhattan; Harold Souders, Eureka, treasurer; Inez Jones, Kansas City, S. S. G. A. representative.

TWENTY YEARS AGO

The Aggies won their first football game of the season on Ahearn field by defeating Southwestern by a score of 15 to 0.

"A censor is a man who cuts everything that the war correspondent wants left in," according to an item of the Sunflowers column in THE INDUSTRIALIST.

One hundred thirty prisoners in the federal penitentiary at Leavenworth and the state penitentiary at Lansing were doing correspondence work with K. S. C. The work at each prison was under the special care of the chaplain, who distributed and collected the lesson papers and handed out the books and bulletins.

THIRTY YEARS AGO

Bessie Mudge, '03, returned to take graduate work in domestic science, bacteriology, and chemistry.

A Parr calorimeter was received by the chemical department, to be used in studying the calorific value of fuels and foods.

The Manhattan city library building, a donation by Andrew Carnegie costing about \$13,000, was completed and ready for the books.

The suburban home of Professor Walters, which he occupied for 27 years, was offered for sale. Professor Walters moved into his new house on Bluemont avenue, between Fourth and Fifth streets.

FORTY YEARS AGO

George Forsyth, third-year student in 1893-4, took an overland trip by bicycle to his home in Howard, Elk county. He planned to re-enter college in the winter term.

The first senior class party of the season was an evening of old-fashioned fun. More than 50 seniors gathered at the home of their classmates, F. E. and R. W. Rader, about three miles northeast of town, for the occasion.

A union meeting of the Young Men's Christian association and the Young Women's Christian association was held in South Society hall. G. W. Fryhofer reviewed the Lake Geneva summer school which he attended by authority of the association.

FIFTY YEARS AGO

October 9 was the date of the first frost of the season.

More than 50 new seats were placed in the chapel, "and none too soon, it would seem, from the crowd that assembled there every morning."

The first division of the third-year class, 13 in all, gave public declamations in chapel.

FIRST SNOW

Charles E. S. Wood

The cows are bawling in the mountains.
The snowflakes fall.
They are leaving the pools and pebbled fountains;
Troubled, they bawl.
They are winding down the mountain's shoulders
Through the open pines,
Through wild rose thickets and the granite boulders
In broken lines.
Each calf trots close beside its mother
And so they go.
Bawling and calling to one another
About the snow.

SUNFLOWERS

H. W. D.

A HELP TO HISTORY

Hereafter, unless I wish to be crudely amused, I shall stay away from historical cinemas starring Hollywood queens whose appeal is abjectly contemporary.

Somehow or other even the good directors go gah-gah when they have an ultra modern star and a big historical occasion on their hands. Perhaps it is too much to ask of anybody—let alone Hollywood generalisimos.

Eight or nine times out of ten they (the good directors) get to feeling the urge to multiply everything by ten, hyperbolize on top of that, and use the old imagination from there on in.

Not long ago I put myself on the spot by investing 35 cents in a ticket admitting me to an agonized representation of the court of Catherine II, I think.

Camera!

At the end of several too many three-minute rounds I stumble out into the bracing September night air a mental and an intellectual wreck.

Before my eyes swim snowflakes and sleighs, boots and furs. Then come bells and bell clappers. Then a royal wedding in a 4-acre racket store disguised as a Polish church and lighted by 4,863,218 candles shining on horrible figures carved in wood. More bells—more of the same bell. Then soldiers goose-stepping through marble halls and up and down wooden stairs. Again that bell in a two-minute solo. And blow me down! It's the Rooshian cavalry dashing like fury up fifteen flights of stairs in a three-story palace and disappearing in the stratosphere.

Someone slaps me on the shoulder—someone going in. "How was Marline?" say he. "Not so hot," says I. "The weather was agin her, and so was her husband and her mother-in-law, and her director, and the bells, bells, bells, bells, bells, bells—keeping time, time, time in some native Rooshian rime. She'd have been a total loss if it hadn't been for the Rooshian army. Gimme air!"

My friend lets go of my shoulder and sighs. He knows his lunatics. I tear on out for a coke. He goes on in for his turn.

I wish I could live two hundred years longer. I'd like to see the court of Will Hays in Hollywood exposed by whatever fills the niche of the movies in 2,134 A. D.

AMONG THE ALUMNI

A. L. Morgan, f. s., was a college visitor recently.

Wesley O. Staver, '94, is an attorney at Pilot Rock, Ore.

Margaret Sara (Browne) Chaffee, '20, lives at French, N. M.

Zoe (O'Leary) Dunn, '24, lives at 803 New York avenue, Holton.

Caroline (Wagner) Gresham, '01, is living at Bingham Canyon, Utah.

Jennie (Ridenour) Orr, '04, lives at 8812 N. W. Springfield road, Portland, Ore.

Eunice M. (Walker) Foot, '27, is now living at 202½ Norton avenue, Barberton, Ohio.

The Rev. Arthur D. Rice, '92, is pastor of the First Methodist Episcopal church in Alma.

L. S. Edwards, '03, is farm manager for the Deming Investment company of Oswego.

Pauline (Clarke) Guglielmoni, '15, lives in Whipple, Ariz. She is hoping for a big class reunion in 1935.

A. J. Ostlund, '10, and Leah (Vernon) Ostlund, f. s. '12, live at Washington, Kan. Mr. Ostlund is a farmer.

Harold C. Gaden, '14, and Mildred (Hollingsworth) Gaden, '15, live at Seiling, Okla. Mr. Gaden is a farmer.

Enid (Redden) Whitcomb, '13, and George L. Whitcomb, f. s. '14, are living on a farm near Cedar Point.

C. S. Wood, '23, is teaching biology in the Pratt high school at Pratt. His address is 102 South Mound street.

The Rev. Robert Alexander Esdon, '03, is pastor of the United Presbyterian churches of Roosevelt and Blair, Okla.

Hiram R. Reed, '07, is an assistant agronomist in the United States department of agriculture. He lives at McNeill, Miss.

L. E. Eberwein, '21, lives on Route 5, Lawrence. He received his master's degree from Kansas State college last spring.

Minnie Hahn, '30, is teaching vocational home economics, English, and typewriting in the rural high school at Rolla.

Paul J. Englund, '17, and Rachel Helen (Holt) Englund, f. s. '25, live on Route 3, Manhattan. Mr. Englund is a farmer and stockman.

Elizabeth Quail, '28, has accepted a position as statistical clerk in the district office of the national re-employment service at Newton.

Helen Louise (Sweet) Palmer, '08, lives at 303 I street, Brawley, Calif. Her husband is principal of the Brawley high school and junior college.

James W. Berry, '83, and Hattie (Peck) Berry, '84, live at 1526 Poyntz avenue, Manhattan. Mr. Berry is with the Golden Belt Lumber company.

H. S. Records, '09, is employed part time by the Magnolia Milling company in Seattle, Wash. His address is Route 1, Box 59, Edmonds, Wash.

O. J. Olsen, '07, is a farmer and stock raiser near Horton. Mr. Olsen has won more championship prizes on corn than any other farmer in Kansas.

George A. Foltz, '19, is teaching physical training and coaching in the Tyler high school and junior college at Tyler, Tex. He lives at 201 Rowland drive.

Lucile Sellers, '28, who has had a government position as dietitian at Ft. Defiance, Ariz., is now at the United States Veterans T. B. sanitarium at Aspinwall, Iowa.

F. T. Parks, '10, is manager of the natural gas division of the Public Service company of Colorado. He and Minnie (Forceman) Parks, '09, live at 2511 Bellaire, Denver, Colo.

The Rev. William M. Orr, '10, and Eula (McDonald) Orr, '12, live at 702 Greenwood avenue, Canon City, Colo. Reverend Orr is pastor of the First Presbyterian church at Canon City.

John V. Patten, '95, and Hortense (Harman) Patten, '95, live in Sycamore, Ill. Mr. Patten is president of the J. V. Patten company, manufacturers of heating and ventilating systems.

Arlie Noel Johnson, '16, is an engineering sales specialist in fractional horse-power motors for the Gen-

eral Electric company of Pittsburgh, Pa. His address is 4628 Boyard street, Pittsburgh.

Harry Castle Turner, '01, is nursery superintendent in charge of the Beal nursery of the United States forest service. Mr. Turner is known as a planting assistant. His home is at East Tawas, Mich.

Charles H. Cloud, '23, is state supervisor of agents for the American Life Insurance company of Detroit, Mich. He lives at 1224 East Eighth street, Winfield, Kan.

Floyd Charles Butel, '24, and Bernice (Humbert) Butel, f. s. '24, are living on Route 1 near Overbrook. Mr. Butel is a farmer and stockman in partnership with his father.

Harriette (Klaver) Kinman, '21, is the Clark county case supervisor of relief. She and her husband, Roy Kinman, f. s. '19, live at Ashland. Mr. Kinman is a rancher and farmer.

Miss Olga Larson who received the bachelor of science degree in home economics from Kansas State last summer has been appointed home demonstration agent for Labette county.

Virginia (Schwager) Hoglund, '30, and C. Raymond Hoglund, f. s. '30, live at 2175 Hendon avenue, St. Paul, Minn. Mrs. Hoglund is operating supervisor of the University of Minnesota cafeterias.

Bertha L. Danheim, '20, is head of the biology department of the LaSalle-Peru township high school and LaSalle-Peru-Oglesby junior college at LaSalle, Ill. Her home address is 450 Wright street, LaSalle, Ill.

BIRTHS

Donald H. Brown, f. s. '34, and Mrs. Brown of 1209 Bluemont, Manhattan, announce the birth of a son on August 1.

Loyal H. Fisk, f. s. '33, and Mrs. Fisk of Fort Collins, Colo., announce the birth of a daughter, Tanya Yvonne, on September 17.

Earl Chappell, f. s. '22, and Mrs. Chappell of 1300 Fremont, Manhattan, announce the birth of a son, Michael Ambrose, September 17.

Theodore Hogan, '24, and Jean (Rankin) Hogan, f. s. '25, are the parents of a son, David Rankin, born May 21. Mr. Hogan is president of the Hogan Milling company in Junction City.

Lester H. Hoffman, '21, and Hazel (Bowers) Hoffman, '26, are the parents of a son, James Gordon, born August 22. Mr. Hoffman is head of the science department in the Ottawa junior-senior high school. He teaches physics and chemistry. The Hoffmans live at 723 South Main street, Ottawa.

DEATHS

MURPHY

Charles A. Murphy, '87, of Chickasha, Okla., died July 29 of pneumonia. Mr. Murphy had been ill for several years. He is survived by his daughter, Mabel A. Murphy, '23.

Demand for Poultrymen

Dr. Flauet Perry, representative of Armour Packing company, Chicago, asked for five graduates in poultry husbandry to manage and operate hatcheries for his company, while visiting at the college poultry office recently. The hatcheries are to be located in Enid, Okla.; Marysville, Kan.; O'Neill, Neb.; Fargo, N. D.; and Mankato, N. D. All the students who have been graduated from this department for the past two years are employed in similar work, most of them with Swift and Company or the Fairmont Creamery.

Zink to Post in A. S. A. E.

Frank J. Zink, assistant professor in agricultural engineering at Kansas State college, was appointed vice-chairman of the power and machinery division of the American Society of Agricultural Engineers following the Detroit meeting in June. He will preside at part of the power and machinery meetings in Chicago during December, and will automatically become chairman of that division next June. The five divisions of the A. S. A. E. are rural electric, farm structures, land reclamation, power and machinery, and a college division.

LOOKING AROUND

KENNEY L. FORD

C. R. Enlow, a Kansas State graduate originally from Harper county, is having an interesting and valuable trip through Russia. Enlow received his B. S. degree in 1920 and his M. S. in 1927 at Kansas State. He is now working with the division of forage crops and diseases of the U. S. department of agriculture, in charge of pasture investigations in the northern states. Mr. Enlow is temporarily employed in the soil erosion service of the department of the interior.

Enlow and H. L. Westover, also with the division of forage crops, left this summer on a plant exploration trip. A letter recently has been received telling something of their experiences, of Enlow's passport being stolen, of an agricultural college that was formerly a monastery, and other interesting features of their trip through this primitive country.

The journey from Alma to Freunze was made in an automobile furnished by the president of the academy of sciences. Throughout the middle Asia tour, transportation by horse and automobile was furnished without charge by governments of various republics visited. There are no privately owned automobiles and very few privately owned horses. The government cannot rent cars, and it was only through their courtesy that Enlow and Westover were able to obtain their use. Gasoline was very difficult to get, and some of the roads almost impassable.

At Freunze, these explorers stayed at the government rest house. Here they had the best quarters and meals they had had in middle Asia. At Issy-Kul, the next stop, there was no hotel. It was long after dark when they arrived, but they obtained permission to sleep on the floor of a small, two room mud house. There were five people sleeping in this one room with no ventilation at all.

Enlow and Westover had to carry most of their supplies with them, both gasoline and food. Before any purchases could be made, they went to a state bank with their money, obtained a slip crediting them with the amount, then back to Torgsin where they obtained a coupon bond with which to purchase supplies. Torgsin is a store where goods are bought with foreign money or gold, and not with Russian script or rubles.

The real exploring was done on walking tours. Several samples of seeds were collected in the dry foothills around Freunze. At Karakol, a 15 mile walk was taken up the river and many samples of seeds were collected. Here they had tea at 9 p. m. with the woman who was assistant director of the experiment station.

On the return trip to Chelkar, Enlow and Westover took turns sitting up at night to keep their baggage from being stolen. They were met at Chelkar by a director of one of the experiment stations. He was Dr. N. I. Vavilov, of the U. S. S. R. bureau of plant industry, who has visited Manhattan twice in recent years to study the research work in genetics and plant breeding.

MARRIAGES

CONROY—PITCHFORD

The marriage of Nelle Conroy, '27, and Stanley Pitchford of Green River, Wyo., took place June 2 at Green River. Since their trip to Seattle, Wash., and Portland, Ore., they have been at home at Pocatello, Ida.

PAULSON—HERZOG

On June 7, Mabel Paulson, '29, and Robert Herzog of Herndon were married at the home of the bride's parents in Whitewater. Mrs. Herzog has been teaching at Oberlin for the past several years. They have made their home at Herndon.

HOYES—CHRISTENSEN

The marriage of Alice Eleanor Hoyes to Don J. Christensen, f. s. '27, took place June 2. Mrs. Christensen has been teaching in the Florence high school. Mr. Christensen is a construction engineer with the state highway department.

GLASS—MORRISON

Madge Louise Glass, f. s. '34, and Earl Frederick Morrison were married June 3 in Manhattan. Mrs. Mor-

Homecoming Hints

1. Alumni should buy their football tickets from the alumni office. Make your reservations early. Price, \$2.20 per ticket, and send 20 cents extra for registration and mailing.

2. Register and meet your friends at the alumni office.

3. Attend the Homecoming alumni luncheon Saturday noon, October 20, upstairs in the college cafeteria. Tickets will be on sale at the alumni office and college cafeteria.

rison has been teaching the upper grades at the I. O. O. F. home for the past two years. Mr. Morrison is principal and coach at the high school at Levant where they will be at home this year.

MANION—GRAHAM

The marriage of Merrideth Manion, f. s. '34, of Goodland and Ralph Graham, '34, of Eldorado took place May 26 in Manhattan. Both Mr. and Mrs. Graham were prominent in student affairs at the college last year. Mr. Graham was recently employed as assistant football coach at Indiana university.

OLIPHANT—NORTON

Cora Oliphant, '34, of Offerle and Lawrence Norton, '31, of Garden City were married June 12 in Garden City. Mr. and Mrs. Norton are now at home in Garden City where Mr. Norton is secretary-treasurer of the Garden City production credit association and chairman of the wheat allotment committee.

DIEHL—BRYANT

The marriage of Florence Matilda Diehl, '31, and Rev. Morton D. Bryant of Strawn took place June 6 at Chapman. Mrs. Bryant has been teaching home economics for the past year at the Rossville high school. They will make their home at Strawn where Reverend Bryant is pastor of the Christian church.

VAN PELT—FULHAGE

Olive Van Pelt, '31, and Earnest A. Fulhage of Yates Center were married July 9 at the home of the bride's parents near Beloit. Mrs. Fulhage has taught music for three years at the Toronto, Talmage, and Wakefield high schools. The couple will make their home at Yates Center where Mr. Fulhage is engaged in business.

WENTZ—MILLER

The marriage of Frances Wentz, '30, Ames, to Edgar Miller, '30, Kansas City, took place June 3 at the home of the bride's parents. Mrs. Miller has been teaching in the schools of Concordia. They are at home at 2116 North Tenth, Kansas City, Kan. Mr. Miller is employed with the state highway commission.

ALDERMAN—WINSTON

Vera Ethel Alderman, '26, was married to C. Carleton Winston May 29 in Tulsa, Okla. Mrs. Winston has been home economics supervisor of the Coffeyville public schools for the past three years. Mr. Winston is affiliated with the Perry Shoe shop in Coffeyville. They have made their home at 1205 West Fifth street in Coffeyville.

WELLS—SCHAFER

The wedding of Ethel Sue Wells, '32, and John Schafer, '32, of Center, Colo., took place June 10 at the home of the bride's parents in Winona. Mrs. Schafer has been teaching for the past two years in the high school at Monument. They are in Topeka where Mr. Schafer is employed in the office of the Kansas state highway commission.

BELLINGER—MASON

The marriage of Anne Bellinger, '33, to Stephen R. Mason took place June 17 in Passaic, N. J. Mrs. Mason is a graduate nurse of Providence hospital in Kansas City, Mo., and for the past year has been teaching nursing in the east. Mr. Mason is engaged in construction work. Since their brief trip to Atlantic City, they have been at home in Passaic, N. J.

Meyer and Hall in New York

A. D. Meyer, a graduate in mechanical engineering with the class of 1932, was a recent visitor of that department. Mr. Meyer is in the student engineer course with the International Machines corporation, Endicott, N. Y. He said William Hall, also a graduate in mechanical engineering, is with the same company. Both live in Endicott.

RECENT HAPPENINGS ON THE HILL

Ivornia Danielson, Manhattan, was elected editor of the K. S. C. chapter of the Athletic Federation of College Women last week.

Prof. C. M. Correll was recently elected president of the Riley county historical society. He is also director of the organization.

The college orchestra this year numbers 63 students and faculty members—an unusually large number. The military band will have 42 men. Official lists were printed in last Friday's Collegian.

Slot machines, which at intervals have amused students in their Aggieville meanderings, are banned by city police who threaten fines or a jail sentence to any merchant, cafe owner, or druggist who reinstates one.

Members of the dairy products judging team are making preparations to enter a national contest in Cleveland next Monday. They are Dean Scott, Fort Scott; J. S. Todd, Olathe; Marion Noland, Falls City, Neb.; and Encott Byers, Hepler. Prof. H. W. Martin is their coach.

Bulletins by Roy Bainer

Roy Bainer, B. S. '26, M. S. '29, assistant professor of agricultural engineering and assistant agricultural engineer in the experiment station, California college of agriculture, is author and co-author of several bulletins published by the agricultural experiment station at Berkeley. In 1932 Bainer's bulletin, "Harvesting and Drying Rough Rice in California," was published. He is co-author of two bulletins published in 1934 dealing with threshing of beans and motorized farm equipment. Bainer left the Kansas State college department of agricultural engineering in August, 1929, to join the college of agriculture staff at Davis, Calif.

Soil Poisons Only Temporary

Many Kansas farmers believe sorghum crops have a bad effect on crops following them in rotation. W. H. Metzger, Kansas State college agronomist, explains that in the first stages of decomposition of sorghum crop residues, certain poisonous substances are produced which may harm the succeeding crop. However, he adds, such substances are soon rendered harmless in the soil. If the ground is fall plowed no toxic effect will result. Fall plowing also will maintain the soil in good physical condition, he pointed out.

Roup Due to Lack of Green Feed

The unusual prevalence of colds and roup in the poultry flock may be due in many cases to the scarcity of green feed, alfalfa hay, and yellow corn, according to L. F. Payne of the Kansas State college poultry department. Lack of these feeds in the diet causes vitamin A deficiency. The trouble can be controlled, he says, by adding 10 per cent of bright, green alfalfa meal to the mash mixture or by providing the flock with green rye or wheat pasture.

Many Aggies Play Pro Ball

When Dougal Russell, star in Kansas State's backfield in 1932 and 1933, started his professional football career off with a 102 yard touchdown run from the first kickoff against the Cincinnati Reds recently, he was not in entirely unfamiliar company. On the team with Russell was Henry Cronkite, former star end at Kansas State, while on the opposing team were Tom Bushby, C. O. Tackwell, Homer Hanson, and Elwyn (Tiny) Feather, all former Kansas State players.

Bonfield Visits Campus

James Bonfield, '31, business manager of the 1931 Royal Purple and otherwise prominent in student activities, visited the campus about October 1. Bonfield is now connected with the Doane Farm Management company, Quincy, Ill.

Two Class Rooms Being Added

Large steel beams to be used in the construction of two additional classrooms above the mechanical engineering laboratory arrived last week. These rooms are needed since the Denison hall fire.

WILDCATS WADE MUD TO TIE MANHATTAN JASPERS

KANSAS STATE COMES FROM BEHIND SECOND HALF

Warren and Churchill Score, Stoner Kicks One Extra Point to Give Waldorf's Team 13 to 13 Tie with Meehan's Gridmen

BY H. W. DAVIS

Lynn Waldorf's Kansas Gridhoppers found themselves very much in the mud back at Brooklyn last Saturday afternoon, but they fought and splashed their way through to a 13-13 tie against Chick Meehan's Manhattan college team, and they came within three yards of winning. Although the Manhattan college team has been playing in mud and drizzle all fall, and although most of the Kansas boys haven't seen any mud for three or four years, Waldorf's warriors kept right on as if rain didn't make any difference.

The Gridhoppers—that's a name that ought to do just as well as any for the Kansas Staters—scored first at the middle point of the opening quarter. Churchill blocked a punt on Manhattan's 24-yard line. Waldorf rushed in four clean players. Armstrong tossed to Stoner for 21 yards, and Warren tore through for the remaining three.

MANHATTAN BLOCKS PUNT

That made Meehan's men wild. In the second period they blocked and recovered a Stoner punt on the Kansas State 3-yard line, and Downey scored. Seick converted, and it was 7-all. Not a great while later Downey faked a fourth-down punt, and tossed to Gallagher for twenty-five yards and 6 more points.

During the second half the Kansas boys had Manhattan almost constantly on the defensive. An attack by Stoner, Armstrong, and Ayers, with Shaffer clearing the way, terminated in a pass to Churchill for a touchdown. Later the Gridhoppers drove to the 3-yard line and a first down, but were unable to ring up anything.

ARMSTRONG STARS

Dick Armstrong's all-around playing and Stoner's punting and ball lugging were outstanding features. Shaffer's blocking, the line plunging of Elder and Warren, and the line work of Griffing, Maddox, and Churchill received plenty of favorable mention.

Jack Connell, end, and Pat Byrne, fullback, starred for Manhattan. A muddy, splashy field and the constant drizzle kept the ball soggy and slick and accounted for many of the more or less excusable fumbles. Stoner's punts, however, averaged 44 yards.

The lineup:

Burns	.....LE	Gallagher
Maddox	.....LT	Boylan
Holland	.....LG	Murray
Griffing	.....C	Moser
Beeler	.....RG	Wheeler
Plenthorpe	.....RT	Bartell
Churchill	.....RE	Connell
Armstrong	.....QB	Downey
Stoner	.....LB	Tabor
R. Kirk	.....RH	Welch
Warren	.....FB	Byrne

Officials—Referee, C. M. Waters, Williams; umpire, A. E. Sharpe, Penn.; linesman, A. B. Maginnes, Lehigh; field judge, S. S. Scott, Michigan.

FOURTH GAME OF SERIES IN MILWAUKEE FRIDAY NIGHT

Marquette Holds 2 to 1 Advantage over Kansas State—Wildcats Won First Game 2 to 0 in 1925

A football series that began on a snow-swept field in Milwaukee in November of 1925 will be resumed Friday night, October 12, when Kansas State college plays Marquette in Milwaukee. Kansas State won the 1925 game 2 to 0, largely due to the brilliant punting of Owen (Chili) Cochran, who protected an early lead.

Marquette won the 1926 game 14 to 0 a week after Nebraska had spoiled Missouri Valley championship hopes of Kansas State with a 3 to 0 victory in rain and mud. In 1929 Johnny Sisk ran wild and the Hilltoppers won 25 to 6. For the fourth Marquette game Kansas State is spending three days working out in Chicago after spending a day in Washington, D. C., following the Manhattan college game in Brooklyn last week-end.

The team goes to Milwaukee Friday morning and will return to Chicago Saturday morning for a day of sight-seeing. Sunday the squad returns to Manhattan after a 10-day absence and 2,822 miles of train travel. Monday Waldorf and his men start work for the Kansas game October 20 at Manhattan.

An inspection trip through the

liner Berengaria and a trip to the top of the Woolworth tower were among features of this week-end stay in New York of the Kansas State team. The excursion was arranged by Harold Larson, an alumnus of the University of Kansas. Foster Hinshaw, Kansas State alumnus, arranged the Berengaria tour, though Sunday is an off day for its crew. Kansas State alumni kept "open house" during the football team's stay, engaging the Taft room of the Taft hotel, team headquarters.

HARRIS SPEAKS ON BEHALF OF STATE REPUBLICANISM

Praises Kansas Cash-Basis Law—Urges Young Voters to Support Landon

Senator Fred M. Harris, Ottawa, member of the board of regents, launched the year's noon forum meetings in Thompson hall October 3 with a speech in praise of Governor Landon and republicanism. He was introduced by Dr. J. D. Colt, Sr., Manhattan.

He vigorously opposed agitation of the state Democrats to make drastic changes in state laws for the purpose of getting more federal relief money, and quoted Hugh Johnson as saying that Kansas was one of the 12 states which had most effectively cooperated in relief work. And Kansas was the only Mississippi valley state mentioned by the late NRA administrator, though many of the others have Democratic governors whereas a Republican governs here.

"We can't spend what we don't have. We can't borrow ourselves into prosperity," he declared as he praised the Kansas cash-basis law and the law fixing limitations to tax levies. He touched briefly upon the bond scandal and declared that as a result of the housecleaning in the treasury Kansas bonds are now worth more than ever. He praised Alf Landon both as man and as governor and concluded with an exhortation to young voters to support the Republican ticket.

Omar Ketchum was scheduled to address the forum this noon to present the case of the Democratic party and his own qualifications for Kansas' governorship.

AUKER PUTS KANSAS STATE IN HEADLINES ALL OVER NATION

Former Wildcat Three Sports Star Defeats Cards 10 to 4 in Series

Kansas State college broke into headlines throughout the country Sunday, October 7. The Wildcats in battling Manhattan college to a 13 to 13 tie Saturday in the mud of Ebbs field, the first time a Kansas team ever played in New York, naturally won a place in many sports sections.

It was Elden Auker, however, who put Kansas State and Norcatur, Kan., his home town, in the headlines of nearly every sports sheet worth mentioning. Auker, a three letter sports star for the Wildcats, pitched the Detroit Tigers to a 10 to 4 rout of the St. Louis Cardinals Saturday to even the series at two games each. Auker, who lost only one Big Six game in two years on the mound for Kansas State, had never seen a major league ball game until mid-season of 1933 when he was sent to Detroit from Beaumont, Tex.

Attention of students and Manhattan townsmen was divided between Auker's pitching performance and the Manhattan game Saturday afternoon. The former Aggie star received many encouraging messages from admirers before the game and many others of congratulation following his victory.

Manhattan is planning a welcome celebration for Auker when he returns to Manhattan, probably late this month, to spend the winter.

New Text Off Press

Prof. C. E. Pearce, head of the department of machine design, received notice recently that his new book, "Principles of Mechanism," was off the press September 25. It is published by John Wiley and Sons and will be used in college classes in mechanism next semester.

Award to Art Department

A cash award will go to the art department for placing second at the Kansas free fair held recently in Topeka. The University of Kansas placed first. Others participating were Wichita university, Washburn college, Pittsburg State Teachers college and Fort Hays college.

PROF. O. W. ALM DISCUSSES HANDLING CHILDREN'S LIES

(Concluded from front page)

said Professor Alm, "such stories are usually reports of sex offenses against themselves. Such reports are more common among girls than boys. They are not intentional lies. They are really hallucinations. But they cause no end of trouble because most people believe that they have some foundation in fact.

"The other form of pathological lying is called mythomania, and is characterized by its excessive character, by vagueness, and by lack of purpose. Children who have this moral disorder usually come from homes where there is insanity, alcoholism, immorality or crime.

"The fourth kind of unreliability," continued Professor Alm, "is wilful lying. Children tell boasting whoppers to get attention. For revenge they report untruthful stories about their enemies or those who obstruct their desires. In their dislike for home discipline, children make false reports to neighbors about their parents.

"Adults should," said Professor Alm, "investigate socially important children's reports and should study especially the child's possible motives.

"Don't punish the child for telling the truth," concluded Professor Alm. "Don't let the child escape punishment or disapproval by giving false excuses. Don't ridicule or reprimand him for bizarre stories. Help him to see the difference between fact and fantasy. As far as possible see to it that he does not get the satisfactions he is trying to get through making false reports. Provide for the child satisfying real experiences and develop habits of success by appreciating the many little worthwhile things he does, his little successes. The child should not be so starved for social recognition as to have to resort to bizarre stories to get it."

ART DEPARTMENT GETS MUSEUM PIECES, FABRICS

Plans Modernistic Room Display for Third Floor Anderson, Textile Exhibit

A new lantern and a screen for showing lantern slides, a tall blue cruet of Mexican glass, a Venetian glass plate, eight modern textiles of interesting weave and design, old brass candle-sticks, bits of lacquer from Old Cathay, modernistic furniture—these are some of the over-summer acquisitions of the college art department.

The lantern and screen are of the type which can be trundled about to any desired room. Miss Vida Harris brought back from her visit in Santa Fe and Taos, N. Mex., two crude bits of Indian pottery, museum pieces both, the cruet, and a striped Indian rug, all of which are for the museum on the top floor of Anderson hall.

That museum, moreover, is having a renaissance. Fresh wall paper and paint, new wall boards have prepared the way for the year's exhibits. A modernistic couch with bookcase ends, designed by Vida Harris and painted by a student a deep rich blue, is to be the central piece of the alcove at the east side of the long room. Its companion piece is an ultra modern chair of chromium with seat and back of dull rose leatherette.

PROGRESS OF KANSAS PRESS F. E. C.

The Leonardville Monitor, in its October 4 issue, devoted three-fourths of its front page to school news. Isaac Moon is editor of the paper.

D. O. Munger and son Charles of the Hanover Herald have installed a linotype machine. For the last 34 years, since Mr. Munger founded the Herald, all the type has been set by hand.

The Eskridge Independent has an editorial page worthy of the name. Frank Frost, editor, usually has two columns of editorials in his paper, none of them clipped. The rest of it is newsy and well-balanced.

A most interesting and helpful feature in the Barnes Chief is an official directory. Under this heading are listed the names and positions of national, state, county, township, and town officials. Mrs. E. E. Shannon is editor of the Chief.

Football Schedule, 1934

Sept. 29—Kansas State 13, Fort Hays State 0.

Oct. 6—Kansas State 13, Manhattan college, N. Y., 13 (tie).

Oct. 12—Marquette university at Milwaukee. (Night.)

Oct. 20—Kansas university (Homecoming) at Manhattan.

Oct. 27—Tulsa university at Tulsa.

Nov. 3—Washburn college at Topeka.

Nov. 10—Missouri university (Parents' day) at Manhattan.

Nov. 17—Oklahoma university at Norman.

Nov. 24—Iowa State at Manhattan.

Nov. 29—Nebraska university at Lincoln.

KANSAS FARMERS AGAINST TWO PRODUCTION PROGRAMS

Sixty Counties Favor Corn-Hog Adjustment, but Heavy Negative Vote in Others Overrules Them

With few exceptions the western two-thirds of Kansas voted in favor of a 1935 corn-hog adjustment program, but a heavy negative vote in others, particularly in the southeastern counties, defeated the question 19,985 to 17,429. Question number two, the one-contract program for 1936, was voted down 23,629 to 11,607.

Although the final results as tabulated by the AAA office October 6 and released through the division of extension of Kansas State college show majorities against both questions in the referendum, the vote by counties showed 59 counties for a 1935 corn-hog program, 45 against, and Gove county was equally divided.

With a total of 37,212 votes cast, extension service men estimated that not more than 40 per cent of those eligible voted. Approximately 80,000 contracts were signed in Kansas for the 1934 program. Non-signers, voting in approximately half the counties, registered 1,117 for and 4,130 against the second question.

Hamilton was the only far western county to vote against the 1935 program. Ellis and Russell counties in the middle western section and Smith, Jewell, Republic, McPherson, Harvey, and Sedgwick counties in the central part of the state vetoed the plan.

In the eastern third of the state Geary, Osage, Shawnee, Jackson, Jefferson, Atchison, and Doniphan counties were the only ones to vote in favor of the corn-hog program.

Ibsen in Mastitis Research

Dr. Heman Ibsen and W. T. White, B. S. '17 and M. S. '34, are collaborating in a study of mastitis, an incurable disease of the mammary glands in cattle. Mr. White has been in charge of cattle breeding at Matanuska, Alaska, under the U. S. D. A., working with Galloways and Holsteins. "Indications are that the disease is hereditary," says Doctor Ibsen, "and if it is, the geneticist will be more valuable than the veterinarian in its control."

A Ferry-Hanly Executive

Newton Cross, '28, is an account executive with the Ferry-Hanly Advertising company. He lives at 3758 Washington, Kansas City, Mo.

SENATOR BEHRENS WILL SPEAK TO SWINE FEEDERS

AUBEL WILL REPORT ON FEEDING EXPERIMENTS

Chairman of State Advisory Corn-Hog Committee to Address Eighth Annual Meeting Here Saturday, October 13

Senator H. W. Behrens of Lyndon, chairman of the state advisory corn-hog committee, has promised to speak at the eighth annual swine feeders' meeting to be held here Saturday, October 13. Behrens will discuss the corn-hog program.

Rolly W. Freeland, Duroc Jersey breeder of Effingham, will preside at the afternoon meeting for the swine feeders. Prof. C. E. Aubel, in charge of swine investigations for the college, has arranged for several other speakers. They include Dr. W. E. Grimes, acting dean of agriculture and director of the agricultural experiment station; Homer J. Henney, professor of agricultural economics, who will discuss the hog outlook for 1934-35; reports on swine feeding experiments at the college by Professor Aubel; and the customary question box conducted by Dr. C. W. McCampbell, head of the department of animal husbandry.

TO INSPECT COLLEGE HERD

The speaking program in the afternoon follows a morning program in which visitors will have an opportunity to inspect the college swine herd, especially the lots of animals fed experimentally during the last year.

The experimental work covers two general phases of swine production, according to Professor Aubel. Four experiments dealing with the fattening of pigs in dry lot will throw light on the following topics:

1. Feeding alfalfa hay and meal, compared with sweet clover hay and meal.
2. Ground corn and tankage mixed and self fed, compared with shelled corn and tankage fed separately in a self feeder.
3. The effect of removing the protein supplements from the ration of fattening pigs.
4. The effect of feeding fresh green alfalfa to fattening pigs in the dry lot.

RESULTS ON ALFALFA PASTURE

Other experiments involving the fattening of pigs on alfalfa pasture are as follows:

1. Fattening on pasture compared with fattening in the dry lot and feeding alfalfa hay.
2. Removing the tankage from the ration of fattening pigs on alfalfa hay.
3. Feeding tankage compared to feeding meat scraps.

YEARS OF WEATHER CHANGES DUPLICATED IN LABORATORY

Large Freezing Unit Added to Highway Testing Equipment

Weather processes of a hundred years can be duplicated in a short time since the recent addition of a large new freezing unit to the equipment of the state highway testing laboratory at the college, according to W. E. Gibson, engineer of tests. The equipment was installed under the supervision of the department of applied mechanics.

The new unit will freeze 8,000 pounds of concrete in 12 hours, reducing the temperature of the material from 80 degrees Fahrenheit to 20 degrees below zero. The purpose of the tests is to make extensive studies of the effect of freezing and thawing on concrete, rock, and other materials used in the construction of Kansas highways.

Ammonia is used as the refrigerant. The unit is driven by a 7½ horse-power motor and is water cooled.

Engineering Text Ready Soon

A new book on "Direct-Current Machinery," written by R. G. Kloefler, J. L. Brenneman, and R. M. Kerchner, all of the electrical engineering department, is soon to be published by the Macmillan company, New York City. The book has been used in mimeograph form for several years in college classes. It contains the latest developments in direct-current treatment, and a number of original methods of solving certain difficult problems graphically. Notice of its early appearance in the market is given in the catalogue of the company.

Vincent a Radio Speaker

Terence Vincent, student at Kansas State from 1910 to 1912 and president of his class in 1910, presents a junior aviation program from radio station KFI in Los Angeles each Tuesday at 8 a. m. He lives at Hope and Tenth street, Los Angeles.

THE KANSAS INDUSTRIALIST

Volume 61

Kansas State College of Agriculture and Applied Science, Manhattan, Wednesday, October 17, 1934

Number 5

COLLEGE TO BE HOST FOR AGRICULTURAL LEADERS

ANNUAL EXTENSION CONFERENCE
HERE OCT. 29 TO NOV. 3

New Problems Resulting from Agricultural Adjustment To Be Solved—
Nationally Known Workers on Program

Among those to whom the Kansas State college will act as host for the annual extension conference, October 29 to November 3, will be 94 county agents, 3 assistant county agents, and 23 home demonstration agents, a large share of whom are graduates of Kansas State.

The agents, along with county extension leaders, will rub shoulders with an impressive array of agricultural leaders, including Governor Alf M. Landon; Victor A. Christgau, assistant AAA administrator; C. W. Warburton, director of the federal extension service; H. W. Gilbertson, in charge of central section, federal extension service; W. H. Darrow, regional director of information, AAA; F. D. Farrell, president of Kansas State college; H. Umberger, director of Kansas State college extension service; E. A. O'Neal, president of the American Farm Bureau federation; Margaret Justin, dean of home economics division, and Amy Kelly, extension service state home demonstration leader, Kansas State college; and Mrs. A. P. Foster of the Sedgwick county farm bureau.

LOOK TO PERMANENT PROGRAM

The purpose of this conference will be to strengthen the permanent extension program and modify it where necessary to subscribe to new conditions, according to Dean Umberger, who comments as follows on a popular impression that the extension service is an agency for administering emergency agricultural measures: "It is true that the extension service has given much time during the past year and a half to furthering emergency measures, but the important duty of the service is that of promoting permanent agricultural practices of a long-time nature."

NEW PROBLEMS TO SOLVE

He points out that agricultural adjustment has brought on new problems of a social nature, developed new leaders, and produced new organizations. The contracted acreage situation has had an important influence on agricultural practices.

"We have a new set of problems to solve," the dean continues. "For this reason farm bureau presidents and county home economics leaders are being invited to the conference to offer their advice and counsel to the extension service."

Discussions by county agricultural and home economics leaders and nationally known extension workers will be broadcast over station KSAC during conference week.

HATCHERY OPERATORS TO MEET HERE OCTOBER 26

Code Hearings, Demonstrations, Nutrition, and 'Sexed Chicks' on Program for Annual School

The seventh annual school for hatchery operators will be held at Kansas State college October 26. Prof. L. F. Payne, head of the college poultry department, expects a larger attendance than the 200 who turned out last year. All of the 575 hatchery operators in Kansas who complied with the code last season, all certified flock owners, and county agricultural agents have been invited.

A report of the recent code hearings at Washington and announcement of the government's intention to cooperate more actively in assisting with poultry improvement work should appeal to all progressive hatchery operators and flock owners who come to the school, Professor Payne said.

Other important features in this program include one of the first demonstrations of its kind showing how the formation of the egg in a hen's body can actually be observed; a debate presenting all phases of the "sexed-chick" question which no

doubt will be one of the most important issues in the future; and finally a clear, concise, and interesting presentation of recent developments in nutrition which will have direct bearing upon feeding practices during the coming season if high hatchability is to be obtained.

Speakers on the poultry program will be H. M. Scott, M. A. Seaton, Dr. D. C. Warren, and Dr. J. S. Hughes, all of the college faculty; M. Rodi, a graduate student from Cairo, Egypt; Mrs. Grover Poole, Manhattan; R. G. Christie, field manager, the Kansas Accredited Hatchery association, Manhattan; Reese V. Hicks, secretary of the International Baby Chick association, Kansas City, Mo.; and Dr. Favel Perry of the Armour company, Des Moines.

ECONOMICS AND BUSINESS INSTRUCTORS MEET HERE

M. L. Wilson, Assistant U. S. Secretary of Agriculture the Principal Speaker for Annual Conference

Instructors in all Kansas colleges and universities have been invited to attend the tenth annual conference of Kansas instructors in economics and business on the campus Friday and Saturday, October 19 and 20. M. L. Wilson, assistant secretary of agriculture, Washington, D. C., will speak at the Friday afternoon session on the subject, "Agriculture and the Recovery Program." The conference is held annually at the University of Kansas or Kansas State, depending upon where the annual football game is played.

Instructors from seven colleges and universities have been asked to appear on the program by the department of agricultural economics and the department of economics and sociology of Kansas State. These departments are joint hosts to the conference. J. E. Kammeyer and Harold Howe are in charge.

In addition to Mr. Wilson's talk other timely subjects will be discussed by authorities in the field. The conference will open Friday morning in Waters hall with discussions on the general theme of "Long Time Planning for the State of Kansas." Major changes in the position of agriculture, industry, and labor resulting from developments in the recovery program will be the theme Friday afternoon. Saturday morning Dr. Margaret Justin will talk on the changes in the position of the consumer. Problems arising in the teaching of economics also will be discussed.

On Friday evening there will be a banquet at the Manhattan Country club at which A. A. Holtz will be toastmaster. R. M. Green, vice-president of the Production Credit Corporation at Wichita, will address the group on "The Place of the Farm Credit Administration in the Recovery Program."

Major changes in the position of the consumer resulting from developments in the recovery program and problems in teaching economics will be the general theme at the closing session Saturday forenoon.

FRIENDS OF ART SPONSOR HOMECOMING EXHIBITION

Paintings, Murals, Newly Acquired Prints To Be Shown

Grads back for the big game Saturday can see art treasures recently obtained by the college by going to the library. Friends of Art, campus organization for the purchase of art objects and for the spread of art appreciation, is sponsoring the show. Twenty-three P. W. A. prints, two P. W. A. oils, four new Friends of Art prints, will be among them. One wing of the third floor will be devoted to the work of John F. Helm, Jr., and Charles Morgan, of the department of architecture.

Dave Overmyer, who did the library murals, will discuss them in a talk at the library Friday evening, October 26, at 7:30 o'clock. His lecture is sponsored by both the college and the art and travel group of A. A. U. W. President F. D. Farrell will also speak.

RECORD ATTENDANCE FOR SWINE FEEDERS MEETING

DISCUSS HOG EXPERIMENTS AND OTHER CURRENT QUESTIONS

Interest in Production Is Good—Market Economist Sees Indications of Higher Prices During 1935

Interest in hog production apparently has not dwindled, if attendance at last Saturday's hog feeders program at Kansas State college is an indication. The largest crowd ever to attend this annual function—350—was in the pavilion for Saturday afternoon's discussion of hog experiments and other current swine questions.

Rolly W. Freeland, Duroc Jersey breeder of Effingham, presided at the afternoon session, introducing as speakers Dr. W. E. Grimes, Otis B. Glover, Prof. Homer J. Henney, Prof. C. E. Aubel, and Dr. C. W. McCampbell, all of the college staff.

Analyzing the conditions affecting the hog market, Professor Henney told visitors that the best price for hogs in 1935—basis Kansas City—has a two to one chance of being the peak price of the present hog cycle, that this best price has four chances out of five of being above the \$7.80 top at Kansas City last August, and that this best price of 1935 has about three chances out of five of being 15 to 20 per cent above the \$7.80 price.

One of the experiments compared alfalfa hay and sweet clover hay when used in a ration of shelled corn and tankage for fattening pigs. A meal made of alfalfa hay also was compared with a similar meal made from clover hay. The largest gains were made on the alfalfa hay, although results with sweet clover were almost as good. It would seem from the data gathered, Aubel said, that where alfalfa hay cannot be supplied then sweet clover hay may be used as a substitute in hog fattening rations.

Another experiment was run to check the value of feeding corn and tankage mixed, a practice many hog feeders in Kansas have followed in recent years. From the results of this experiment it seems that grinding the corn and mixing the tankage in it is not as economical a method as feeding the corn and tankage separately in a self-feeder.

A third experiment, explained by

Aubel, dealt with the often-tested protein supplement problem. The experiment was run to demonstrate the value of proper protein supplement in the hog fattening ration. As with numerous tests made heretofore, this one showed that when protein is removed from the ration, gains are slowed up and feed consumption per hundred pounds of gain is increased. Protein in the form of tankage and alfalfa hay not only increased the gains but reduced their cost. This experiment gave similar results both in dry lot and on alfalfa pasture.

Yet another experiment compared the value of "meat scraps" or "meat scraps and bone scraps" with the common "digester" tankage. The meat scraps generally are \$5 to \$10 per ton higher than the digester tankage, although the protein content is 50 to 52 per cent compared with 60 for the digester tankage. Results of the test indicate that if meat scraps are sold for the same price as tankage, they may be safely used as substitute therefor.

SERIES OF THREE FORUM ADDRESSES IS SCHEDULED

Dr. John Ise Will Speak Friday—Victor Murdock and Dr. Ben Cherrington to Talk Later

A series of three forum addresses by a prominent economist, a well-known editor, and a nationally known social worker is scheduled beginning October 19, according to Dr. A. A. Holtz, college men's advisor.

On Friday noon this week Dr. John Ise, head of the department of economics at Kansas university, will address the forum visitors. He will be on the campus participating in the tenth annual meeting of Kansas instructors in economics and business.

Next Monday, October 22, another special noon forum will be held with Victor Murdock, editor of the Wichita Eagle, as the principal speaker.

Wednesday, October 24, at the usual forum hour Dr. Ben Cherrington, director for the Foundation for the Advancement of Social Science, University of Denver, will be the speaker.

All of the forum meetings are open to the public, Doctor Holtz said in urging students, faculty, and townspeople to attend. The meetings this year are held downstairs in the cafeteria, thus avoiding the extra charge for upstairs accommodations.

APPRAISE CAREFULLY BEFORE REMODELING, WICHERS WARNS HOME OWNERS IN BULLETIN

Increased popularity in house remodeling is responsible for a new engineering experiment station bulletin by H. E. Wichers, assistant professor of architecture at Kansas State college. The bulletin will serve as a guide for people who are contemplating alterations in their homes. The bulletin is Number 32, "Modernizing the Kansas Home."

"The purpose of the booklet," explained Professor Wichers, "is to remove the fear of fundamental changes in the plan scheme of our homes and thus destroy the cause of inertia that strangles many modernizing projects before they are started. 'Intelligent and discriminating people dislike ruining a good house just to add a room; when properly thought out, additions and alterations should and can add to the livability and beauty of the average house.'"

Before the home owner starts to remodel he should make a careful appraisal of his home, taking into consideration the depreciation of the value of the old house since it was first built, he stated. The results of the appraisal will inform the owner whether his house is worthy of remodeling or whether it would be more advisable to rebuild. Professor Wichers gives as the richest field for modernization and remodeling that type of house which is on the border line between efficiency and obsolescence.

Professor Wichers warns against the remodeling of an old house if its structural members and foundation

are badly decayed, also against modernizing a house in which the rooms cannot be adjusted without too extensive remodeling.

A careful study of many alterations that have been made has led Professor Wichers to believe that most of the ineffective additions are brought about by unwillingness to spend sufficient money to do the job right. People whose homes represent an original investment of about \$1,000 for each room will often object to paying a similar sum for an additional room. If the contractor is forced to yield to their demands, the new addition will naturally embody workmanship and materials that are poorer in quality than those of the original house.

The author of the bulletin has classified the houses that are seen along the country roads and in villages into eight type groups. Out of a hundred houses, he explains, 90 or more will fall under one of these eight types. For each of the representative groups, Professor Wichers has prepared several plans of varying degrees of modernization. Six modern versions of the square, one-story house common to many communities are shown in the accompanying illustration. In the first plan scheme no great change appears in the exterior. By expending more money for alterations, Professor Wichers illustrates the many transformations that may be brought to the common square house.

COLLEGE MEN PIONEER IN PLANT BREEDING SCIENCE

MANY VALUABLE PRODUCTS DEVELOPED FOR KANSAS FARMS

Dr. John H. Parker of Agronomy Staff Writes on "Romance of Plant Breeding" for Recent Report of State Board of Agriculture

It may seem a far cry from a monastery garden near Brunn, Austria, to Kansas, but that is the route taken by the reader of an article, "The Romance of Plant Breeding," by Dr. John H. Parker of the college agronomy staff, which appears in a recent report of the Kansas State board of agriculture. The article is based on an address made by Doctor Parker to farmers attending the last annual meeting of the state board.

He explains how the science of genetics develops rapidly after Mendel's laws of heredity were rediscovered in 1900 by three botanists, de Vries of Holland, Tschermak of Austria, and Correns of Germany, and how, for many years, Kansas State college has had on its staff plant scientists of national and international reputation.

KANSAS STATE MEN ACTIVE

Three measuring sticks are used to evaluate the accomplishments of plant breeders, according to Doctor Parker: (1) students who make good in plant breeding research or teaching; (2) new crops, bred and distributed for the benefit of farmers; (3) publications, both technical and popular.

Doctor Parker named several pioneers in plant science at Kansas State college, including W. A. Kellerman, W. T. Swingle, A. S. Hitchcock, M. A. Carleton, D. G. Fairchild, H. F. Roberts, and other former members of the Kansas State college staff. These men, Doctor Parker said, laid the foundation for plant science research at the college.

Among Kansas State graduates who have contributed valuable information to the field of plant science are Donald F. Jones, corn breeder, Connecticut experiment station; R. E. Karper and P. C. Mangelsdorf of the Texas station; H. V. Harlan, for many years in charge of barley investigations; K. S. Quisenberry, in charge of wheat improvement in the southwest, and several others in the United States department of agriculture who have brought honor to this institution.

NEW STRAINS OF CROPS

Of the various methods of crop improvement, the search for new crop plants in out-of-the-way places and far corners of the world involves some of the real romance of plant breeding, the farmers were told. Similarly, selection and crossing of hybridization may not seem romantic to the outsider, but to one really interested in developing new and better crops, it has a fascination.

Some of the valuable products of plant science at Kansas State, as given by Doctor Parker, are new strains of corn, alfalfa, and sweet clover; Tenmarq wheat, which has stiffer straw than Kanred, yields about 15 per cent more per acre than Turkey, and has many of the excellent milling and baking qualities of its Marquis spring wheat parent; Kanota oats, an improvement over Red Texas, yet susceptible to smut; and three popular sorghums, Atlas, Wheatland, and Greeley.

A part of the thrill of plant breeding lies in the fact that the plant breeder never gets a perfect variety, Doctor Parker concluded. He can always work for something better. He may be doing a splendid job, but it is never done. Endless patience, enthusiasm, and foresight, as well as a knowledge of genetics, are all part of the equipment of this adventurer—the plant breeder.

Heads Relief Committee

Robert Kerr, a graduate in civil engineering from Kansas State college in 1918, was recently appointed district superintendent of the Kansas Emergency Relief committee.

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WEDNESDAY, OCTOBER 17, 1934

TWENTY-YEAR PLANNING

Almost every member of the Kansas State college staff has given some attention to the 20-year program. It has been a good thing for everyone concerned. Good enough perhaps that 20-year planning ought to be a perennial custom. If no other gain were to come of it, the planning would justify itself in having forced many of us to make acquaintance again, consciously, with our immediate aims and purposes. This results from the fact that before we can determine where we are going, we must first know where we are.

Thus, before laying plans most of the college departments have looked to see what sort of a foundation already existed for future development. Analysis of present personnel, methods, and projects has proved to be both helpful and gratifying. Generally speaking, the taking stock incident to 20-year planning probably has revealed that Kansas State college is going in the right direction, so far as it is possible for fallible human beings to direct.

Those in charge of the institution's manifold activities will derive from the 20-year planning a better understanding of purpose. They will derive new enthusiasm for the college's important work, whether it be ventures into new fields or more thorough development of old ones.

Enough benefit already has come from 20-year planning to demonstrate the value of such conscious planning. It reminds us again that it is easy to get into a rut, that we should step to one side occasionally and attempt to see ourselves and our work from an unbiased vantage point.

OCTOBER

Autumn would not be autumn for an editor without some comment about October days and nights. There is something in the very air that makes one want to share it with others; to tell those far away that they are missing Kansas at its best; to emulate, perhaps, that fine word-picture drawn by W. E. Blackburn in his "October in Kansas."

The present is living proof of that pertinent comment: "Kansas can promise less in August and show more in October. . . ." There still are signs of summer's drouth, though nature is fast healing the scars. Green meadows have crept in to replace crisp, brown fields, and mellow earth gives up a pungency quite at odds with the hot and irritating dustiness of August. Foliage of woodlands along streams and roadsides clings tenaciously to its summer hues, awaiting frost that will splash it with red and orange, purple and yellow.

The days are lazy, dry and warm, hazy with the sunshine of Indian summer. Nightfall brings a twang to the air as dew settles heavily over field and wood and meadow. Before long the dew will be a blanket of sparkling frost, melting away each morning as fog and cloud scamper away before a bright, if tardy, sun.

But mere words are inadequate to describe. The person who never has spent an autumn in Kansas will never know the beauty he has missed. Those who have lived here and are

now away will feel a warmth about the heart when they hear: "It's October now in Kansas."

READY FOR COMPANY

Kansas State is all excitement this week getting ready for company on Saturday, Homecoming day. Sororities and fraternities are busy places, dressing themselves up for returning sisters and brothers. Faculty wives are planning especially tasty dinners for the hungry folks who will pile into the house after the big game—for favorite former students, for classmates of other days.

Already, days ahead, there is an air of excitement about town and college. And as if in sympathetic co-operation, the weather is losing its indolent Indian summer balminess, and getting a sharper tang. It promises a big time in the old town next Saturday.

BOOKS

Chinese Story Still Popular

"Oil for the Lamps of China." By Alice Tisdale Hobart. Bobbs-Merrill, Indianapolis. 1933. \$2.50.

"Oil for the Lamps of China," by Alice Tisdale Hobart, is a picture of those Americans in China on the fringe of the far-flung network of our great oil industry. The situation of the American family marooned among a people lean in psychology and custom, and dependent upon an organization that can know little of their problems, however sympathetic some of its representatives may be, is intelligently set forth. Particularly interesting is the study of the reactions of the women, their fears for the safety of husband and children, and their sinking into quiescent luxury with occasional spurts of western energy.

The characterization of the Chinese is, in the main, favorable. An especially interesting figure is the great merchant, Ho, with whom the hero forms a fast friendship. But the author shows the natural irritation of the American with the "squeeze," that petty, but never-ending toll upon all expenditures levied by Chinese household servants. A stirring scene or two of mob violence gives one a realization of the power of the Chinese masses.

A somewhat less satisfactory attempt is made to show the shift in Chinese attitude toward American business in the past decade. Uneasy young men trying to be western in methods are sketchily pictured.

In style the book suffers from the inevitable comparison with Mrs. Buck's travels, but the language is easy, often graceful, and sometimes vigorous. The journeys of the hero from north to south China give opportunity for a comparison of the two sections. The popularity of the book is evidence of the widespread western interest in China and her problems, rather than of its own intrinsic importance.—H. E. E.

FAST NAGS OF MANHATTAN

Thursday forenoon was spent in driving about the city and visiting the agricultural college. The drive to the college farm is a beautiful one, and all who went there behind the fast nags of Manhattan, in the bracing air of Thursday morning, were loud in their praises of the city and surrounding country.

Most of those who visited the college took much interest in its working, and were active in gathering information about the plans of instruction pursued at the institution. Every facility was shown to visitors by the president and faculty. After going through the college building proper, the editors visited the mechanical department, the printing office, the telegraph department, and the barn. Throughout the whole institution there seems to reign the spirit of practical men who are doing practical work for the industrial classes. There is evidence that the agricultural college is directed with sound common sense, and that the faculty are endeavoring to give to students such education as will fit them for obtaining a livelihood in the ordinary avocations of life. But the officers are very much hampered by their narrow accommodations. The buildings are entirely too small for the needs of the institution. Every department is crowded to the utmost, and it has been found necessary to add still further room for the mechanical department, so a portion of the \$11,000 barn will be fitted up for workshops. It is to be regretted that the legislature has been so niggardly in appropriations for the ag-

ricultural college. Of all the state institutions it has been the most stingily dealt with, and we think it is high time that this policy should be abandoned, and that industrial education should receive the encouragement which its importance demands. The old tumble-down building that has so long disgraced the state should be replaced by a respectable structure, so that we need not be ashamed to compare it with that of other states. We were placed under many obligations to the president

held in Wichita simultaneously with the dry farming congress. Mrs. Mary Pierce Van Zile, dean of home economics at Kansas State college, presided over one of the round tables.

THIRTY YEARS AGO

R. F. Booth coached the college athletic teams.

The advanced class of the domestic science short course numbered 23 students.

Prof. A. Emch of Colorado university, formerly of K. S. C., was read-

One Thinker's View

Walter B. Pitkin in "New Careers for Youth"

Tens of thousands of people have, during the past decade, been converted to a new faith in stiff, solid training stripped of frills and flubdubbery. Disillusioned over public high schools no less than over the old-style private schools, they seek something better embodying a few granite virtues. For example, they demand an end to large classes, to routine classwork, to the silly system of grades and promotions and honors, to the fatal trick of skimming large subjects and creating in the young learner's mind the absurd conviction that he knows the subject skimmed. They want work merged with study and play somewhat as in adult life. Above all, they dread the premature specializing of children around transient interests; and they call for something that has been discredited by the pedants, a supple mind in a supple body, both trained in wide versatility. Knowing that life in America is going to become more variegated both in duty and in pleasure, they favor a school which takes cognizance of this trend.

Now, can the public schools shoot straight to this bull's eye? Not for many, many years to come. Many of their leaders admit the ideal, but they find whole mountain ranges piled up in the path of the innovator. Heavy rests the burden of debt upon almost every city school system. Extravagant buildings and frilly equipment are two mill-stones about the taxpayers' necks. Hordes of old, out-moded teachers and officials hang like barnacles to the bottom of the educational hulk; their pensions and salaries must go on, whether little children learn anything or not. Nothing short of revolution can salvage many a large-town school system. And revolution is the last thing of which school authorities are capable. All have been drilled in docility.

But you cannot wait for the glaciers of reform to advance. A loss of five years is fatal to an entire school generation. A loss of ten may wreck civilization. So you must act now. This is why I believe the private school is going to blossom anew. In the next three or four years only a few score may sprout. But later the multitude will appear. Most of them will have the plainest buildings and grounds. Teachers will receive modest pay and no guarantee of life tenure. Formalities will shrink to a mere point. Hard work will be part of each day's schedule. No pupil will be publicly proclaimed better than the others. None will be humiliated by bad marks openly posted. In brief, all the admirable features of progressive education will be consolidated, while the eccentric will be sloughed.

and faculty of the college—and to Professor Whitman in particular—for the favors shown to us during our short visit.—Reprinted from the Girard Press in THE INDUSTRIALIST of May 22, 1875.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Donald Meek, 140 pound Aggie halfback, picked up a K. U. fumble and ran 67 yards to a touchdown which defeated Kansas university 6 to 0 on the Kansas State gridiron. It took this sophomore player to break the ancient Jayhawk jinx over the Wildcats.

M. E. MacDonald, son of the English premier, was a member of the three-man debate team from Oxford university which argued with K. S. C. debaters before an audience of 1,500 people in the college auditorium. The Aggies, who won the debate by audience decision, upheld the affirmative of the question: "This house upholds America's refusal to join the League of Nations."

TWENTY YEARS AGO

Under auspices of the military department the United States Marine band was scheduled for a concert in the auditorium.

Six hundred forty dollars an acre was the average value of Sudan grass seed raised on the experimental plots of Kansas State college.

Mrs. Cora G. Lewis made a plea for the farm home before the International Congress of Farm Women,

ing last proofs on his new text-book on "Projective Geometry." The book was the first text-book on modern projective geometry published in America.

Girls taking gym work underwent measurements and tests in preparation for daily gym classes. The department purchased 25 more pairs of Indian clubs, planning to make a specialty of that line of work, and the addition of a rowing machine was contemplated.

FORTY YEARS AGO

Professor Jones had a new spring frame Sylph bicycle.

Dr. Joseph Denison of Topeka, president of the college from 1863 to 1873, led the chapel exercises.

The music department had classes in piano, organ, guitar, mandolin, orchestral and band instruments, and voice.

Conveyances of every kind, from single rigs to buses, carried juniors to their class party at the Finley home. Toasts, music, and games were the program for the evening.

FIFTY YEARS AGO

A postal card addressed to "Mr. Graham, the fish man" inquired for carp with which to stock a pond.

It was announced that there was an excellent prospect that veterinary science would be taught at the college at an early date.

You find people ready enough to do the Samaritan, without the oil and twopence.—Sydney Smith.

A VAGABOND SONG

Bliss Carman

There is something in the autumn that is native to my blood—
Touch of manner, hint of mood;
And my heart is like a rhyme,
With the yellow and the purple and the crimson keeping time.

The scarlet of the maples can shake me like a cry
Of bugles going by.
And my lonely spirit thrills
To see the frosty asters like a smoke upon the hills.

There is something in October sets the gypsy blood astir;
We must rise and follow her,
When from every hill of flame
She calls and calls each vagabond by name.

SUNFLOWERS

H. W. D.

TABLE TOPICS

For many, many years I have dumbly sensed that table service in the modern home is something other than it might be. It's none of my business, of course, I being a husband; but the time has come when I can no longer contain my irritations. There are several things on the dining table that I don't subscribe to besides Hollywood magazines and candle sticks.

Take cream pitchers for instance. Invariably they are under-developed, and just as invariably they slosh half the golden nectar intended for the coffee overboard smack onto the lace table-cloth and the already over-soaked silencer pad.

In my last dozen attempts to cream my Java at dinner or bridge parties, I have, as it were, hit the cloth exactly twelve times—simply because the pitchers all had blunderbuss spouts. Each time I have politely asked the pardon of the hostess and spoken feelingly about my incurable awkwardness; and each time the host, being a man of breeding and refinement, has given me an unqualified acquittal and bitterly denounced the cream pitcher.

Some of the gentlemen have gone so far as to question the judgment of their wives in the buying of cream and sugar sets, but most of them are long past that and merely register a sincere hope that in the next incarnation cream will be administered to coffee through pipettes or medicine droppers.

Another thing that bothers me is the overuse of leaf lettuce. I know not nor care not what other men may feel; but as for me, give me less lettuce or give me laudanum. During the past four or five years I have had to eat lettuce with 39 kinds of salads, 24 kinds of sandwiches, 13 kinds of diced vegetables, and 7 kinds of hashed meat.

Believe me or not, I have actually developed an indifference to leaf lettuce. Years ago I could relish and appreciate its spicy tang, its insinuating aroma, and its always buoyant sweetness; but now, alas, it tastes just like what I imagine buffalo grass must taste like to a cow that is full of clover.

But even worse than cream pitchers and leaf lettuce is the mental food dished up to folks who are still old-fashioned enough to eat at home. If something isn't done about dieting before long, eaters will be weighed in and weighed out just like feather-weight boxers and wrestlers.

When one member of the family is constantly talking about her 18-day diet and another is constantly talking about her banana-and-milk days and another is constantly bringing up her protein susceptibility, I begin to lose my interest in eating as a pleasure and a fine art.

Grouch that I am, I may be wrong about it; but I still insist that stomach ulcers, hives, fatty tissue, smoother hip lines, and all the agonies appertaining thereto are indelicate as table topics and should be barred by the new N. R. A. as soon as it gets going.

Yes, were it not for cream pitchers, leaf lettuce, and clinical conversation, I might enjoy eating.

PRIMER LESSON

Carl Sandburg

Look out how you use proud words.
When you let proud words go, it is not easy to call them back.
They wear long boots, hard boots; they walk off proud; they can't hear you calling—
Look out how you use proud words.

AMONG THE ALUMNI

John E. Trembly, '97, is a retired farmer living at Council Grove.

J. G. Chitty, '05, and Minnie A. (Ise) Chitty, '07, are living at Blue Rapids.

H. W. Avery, '91, of Wakefield, has been appointed secretary of the Kansas state fair.

Mary K. (Painter) Rogers, '96, is living on a farm and cattle ranch at Buffalo, Okla.

Hilda (Olson) Axelton, '97, and A. E. Axelton, f. s. '00, are living on a farm near Manhattan.

Ethel Sue Wells, '32, is teaching English in the junior and senior high schools in Monument.

Bessie Ann Wilson, '33, is teaching home economics, typing, and biology in the Lorraine high school.

William Arthur Coe, '96, is farming near Fayetteville, Ark. He raises dairy cattle, poultry, and fruit.

Dora (Thompson) Winter, '95, is an educational representative of Christian college at Columbia, Mo.

Arthur C. Thomson, '33, is assistant county agent of Washington county. He also is a dairy specialist.

James C. Richards, Jr., '34, recently accepted a position with the B. F. Goodrich Tire company, Akron, Ohio.

Galvester Siever, '32, is teaching commerce and physical education in the Hunter rural high school this year.

Norman L. Towne, '04, is farming near Bozeman, Mont. Mr. Towne is a member of the Montana farm bureau board.

Mary Dexter, '34, Columbus, Ga., is teaching home economics, civics, and algebra in the Kensington high school this year.

D. Donald Plumb, '32, who has been teaching music in the Cleburne and Irving schools, is now superintendent of the Irving schools.

James Wilmoth, M. S. '34, who has been a graduate assistant in the zoology department of the college, is teaching in Monmouth college, Monmouth, Ill.

Winifred Johnson, '05, owns a farm in Mitchell county and is busy looking after it and doing work on civic enterprises. She lives at Solomon Rapids.

Gerald Crumrine, f. s. '28, has opened a new dry goods and ready-to-wear in Beloit. Jay Kimball, f. s. '33, will be associated with Mr. Crumrine as assistant manager.

Edith Ellen (Coffman) Bryan, '06, is living at 1146 East Fifth street, Tucson, Ariz. Her husband, W. E. Bryan, is professor of plant breeding at the University of Arizona.

F. W. Christensen, '00, is professor of animal nutrition at the North Dakota Agricultural college and animal nutritionist at the North Dakota agricultural experiment station, State College Station, Fargo, N. D. He lives at 1354 Twelfth street N., Fargo, N. D.

Andrew E. Oman, '00, is an assistant biologist with the biological survey, United States department of agriculture. He is now district leader of rodent control for North Carolina, South Carolina, and Virginia. His address is 1701 Dare street, Raleigh, S. C.

John Minton Westgate, '97, is director of the Hawaii agricultural experiment station operated jointly by the University of Hawaii and the United States department of agriculture. Mr. Westgate also does some lecture work on tropical agriculture at the University of Hawaii. His address is Box 3437, Honolulu, Hawaii.

BIRTHS

D. E. Wollner, f. s. '26, and Gladys (Stover) Wollner, '26, are the parents of a daughter born September 28. They live at 1206 Laramie, Manhattan.

Hugh Tucker Willis, '25, and Esther (Huling) Willis, '24, announce the birth of a son, Jerome Alden, August 8. They live at Albany, Mo.

Clair Howard, '33, and Helene (Hughes) Howard, 901 Thurston, Manhattan, are the parents of a daughter, Claire Louise, born September 27.

Dr. Charles J. Coon, '24, and Jackie (Gander) Coon announce the birth of a daughter, Carol Ann, September 18. The Coons live at 412 Fremont, Manhattan.

Ira J. Fessler and Catherine (Bernheisel) Fessler, '25, announce the birth of a son, John Frederick, June 9. The Fesslers live at 1703 Parkdale avenue, Toledo, Ohio.

Willard Caughron, '31, and Maude (Ross) Caughron are the parents of a daughter, Caroline, born September 22. They live at 102 South Sixteenth street, St. Joseph, Mo.

MARRIAGES

NEWLIN—CARTER

Dorothy S. Newlin and John C. Carter, '32, were married June 19 at the bride's home in Lawrence. Mr. Carter is employed at the Jayhawk creamery in Lawrence. Their home is at 1114 Kentucky street, Lawrence.

JENSEN—ABMEYER

The marriage of Carrie Jensen and Erwin Abmeyer, '33, of Lawrence took place June 9 at Meriden. Mr. Abmeyer is now the Douglass county farm bureau agent. They are living in Lawrence.

HALL—GOOD

The marriage of Mabel Hall, '33, of Kensington and Arthur Good took place June 21. For the past six years Mr. Good has been bookkeeper at the First National bank in Manhattan. They are making their home in Manhattan.

BUIKSTRA—SCHRUBEN

Gladys Buikstra, '33, and Luke Schruben, '33, were married June 24 at the home of the bride in Manhattan. Mrs. Schruben taught a year in the Ionia high school following her graduation. Mr. Schruben is county agent of Riley county.

HEDGE—McCORD

The wedding of Ivalene Hedge, '33, and Hal McCord, Jr., '34, took place July 7 in Manhattan. Mrs. McCord has been an instructor in Syracuse university, Syracuse, N. Y., for the past year. Mr. and Mrs. McCord will make their home in Winfield.

PIKE—FOWLER

Olive Blythe Pike and Dr. Loren Fowler, '12, were married June 19 at the Pike home in Spokane, Wash. Mrs. Fowler has been teaching for the past five years at Moran Prairie near Spokane. They are at home in Spokane where Mr. Fowler is a postal employee.

SHULL—TAYLOR

The marriage of Doris Shull and Harold Taylor, '31, took place June 24. Mrs. Taylor has been employed in the Parisian dress shop in Manhattan. They are making their home in Junction City where Mr. Taylor is a linotype operator with the Junction City Union.

PADDLEFORD—WOOD

Alice Louise Paddleford, '25, and Leon F. Wood of Penn Yan, N. Y., were married June 27. For the past year Mrs. Wood has been engaged in dramatic work over the country. Mr. Wood is engaged in fruit and dairy farming on a two hundred acre farm at Penn Yan.

ROBB—HUEY

Goldie Robb and Guy Huey, '31, were married June 3 in Casper, Wyo. Mrs. Huey has been teaching in the Park school in Casper for the past four years. Mr. Huey is connected with the office of the Texas Oil company in Casper. They are at home at 925 South Lincoln, Casper, Wyo.

BRUNER—COOKSEY

The marriage of Georgia Fay Bruner of St. Louis, Mo., and George Cooksey, '28, took place in St. Louis June 1. They have made their home at 300 South Seventh avenue, Maywood, Ill. Mr. Cooksey is a technician in radium and deep X-ray at the United States Veterans Bureau hospital in Hines, Ill.

CORRELL—MALITSKY

Marie Correll, '24, and Dr. Valentine S. Malitsky were married June 27 at the Russian embassy in Washington. Mrs. Malitsky has been assistant economist in the women's bureau of the labor department. Doctor Malitsky, who is a native Russian, will enter the government employ at Moscow this fall.

ALUMNI PROFILES

Dr. William Arthur Hagan, dean of New York State Veterinary college, Cornell university, Ithaca, N. Y., received a doctor's degree in veterinary medicine from Kansas State college in 1915.

Born October 14, 1893, at Fort Scott, Kan., he attended the public schools of Fort Scott, Parsons, and Pittsburg from 1899 to 1911 when he was graduated from Pittsburg high school. Hagan enrolled as a freshman at Kansas State college in 1911 and continued his course in veterinary medicine until his graduation in 1915. He then moved to New York and took up graduate study in Cornell university, receiving his M. S. degree from that institution in 1917.

Hagan became a graduate student, majoring in the study of infectious diseases, in Robert Koch institute, Berlin, Germany, in 1925. After obtaining his doctor's degree in 1925, Doctor Hagan put in much of his time as an instructor and did some graduate work. He started this phase of his career as an instructor in veterinary pathology at Kansas State college in 1915 and 1916.

During his graduate study at Cornell university he made his expenses as instructor in obstetrics and diseases of breeding cattle during the school year 1916-17, as instructor in pathology and bacteriology 1917-18. He then became assistant professor of that department and in 1919 became a professor. He was promoted to the head of the department in 1926 and made dean of the New York State Veterinary college in 1932.

While on leave of absence in 1921 Doctor Hagan served as an assistant in the department of animal pathology of the Rockefeller institute for medical research. He was stationed in Princeton, N. J. In 1925 he was recognized as an international figure when he was termed a European Fellow of the International education board.

His career is marked by a high specialization on infectious diseases of animals, especially diseases of cattle. He has published about 50 scientific papers in medical and scientific journals. With all the professional honors he still found time for social life. He has held memberships in nine scientific societies, three honorary groups, and two fraternal organizations.

Dr. R. R. Dykstra, dean of the division of veterinary medicine of Kansas State, recently declared, "I feel that no graduate in veterinary medicine has ever progressed higher in his chosen profession than W. A. Hagan, '15."

DEATHS

ROBERTS

Harold Roberts, Plains, a sophomore in agricultural engineering at Kansas State college, died October 1 of heart disease.

JOHNSON

Esther Johnson, '28, died September 10. Miss Johnson was with the home economics division of the Florida Agricultural and Mechanical college at Tallahassee, Fla., prior to her death.

NEWTON CROSS SUPERVISES SERIES OF N. B. C. PROGRAMS

Featuring Kansas City Philharmonic in Coast-to-Coast Network

Newton Cross, '28, has been appointed resident producer and announcer for a new series of National Broadcasting company programs, featuring the Kansas City Philharmonic orchestra, with Karl Krueger, conductor, and DeWolf Hopper as music narrator. This program is broadcast on a coast-to-coast network of N. B. C. stations at 3 o'clock, central standard time, each Sunday afternoon, beginning October 8 and running for 26 weeks.

Mr. Cross, while in college, was for a year news editor of the Manhattan Morning Chronicle and since graduation has been with the Ferry-Hanly Advertising company of Kansas City, where he is now an account executive and radio director.

'Vet' Alumni Meet in N. Y.

A veterinary alumni meeting was held in the Waldorf-Astoria hotel, New York, Tuesday, August 14. Those who attended were: Harold Oranville Newton, '17; Harry Edwin Van Tuyl, '17; C. W. Bower, '18;

Fred Robert Beaudette, '19; Merrill Phillip Schlaegal, '20; Carl A. Brandy, '23; Donald A. Yandell, '23; George Ely Martin, '24; James Fred Savage, '25; Elmer William Young, '25; Walter Lovelace Parrott, '26; Walter A. Wisnicky, '26; Theodore A. Newlin, '28; Clair L. Butler, '29; Daniel D. DeCamp, '29; Charles R. Omer, '29; Ralph W. Jackson, '30; Harry Edwin Skoog, '30; H. D. Smiley, '30; Elmer D. Johnston, '31; Virgil Howard Clark, '32; John Howard Rust, '32; Paul J. Brandy, '33; Ralph F. Shaner, '33; Leonce Louis Picot III (student). Dr. C. W. Bower, '18, was toastmaster. Dr. N. S. Mayo, a former professor, Dr. F. R. Beaudette, Dr. Walter Wisnicky, Dr. H. F. Leinhardt, and Dr. E. J. Frick were all on the program and described their many experiences.

QUEST GROUPS WILL STUDY SOCIAL, RELIGIOUS AFFAIRS

College Y. W. C. A. Members Devote Six-Week Period to Four Subjects

International relations, modern books and poetry, comparative religions, and social problems are the four subjects which will absorb the attention of the Kansas State Y. W. C. A. this fall in their "quest groups"—formerly called "interest groups." Margaret Glass, Manhattan, is chairman of the first group in which alone the Y. M. C. A. is also to share. Charlotte Buchmann, Clay Center, heads the second; Frances Tannahill, Manhattan, the third; Elizabeth Pittman, Fergus, Mont., the fourth.

All groups will meet on the campus each Thursday evening beginning tomorrow, for a six-week study of the elected subject. Dr. Helen Ford, head of the department of child welfare, is assisting the social problems group; Fred L. Parrish, associate professor in the department of history, the comparative religions group.

Donates Magazine to Library

Six volumes of Fortune magazine, attractively bound in morocco in 12 parts, constitute a recent valuable donation to the college library, according to Miss Grace Derby, associate librarian. The donation was made by Dr. Harry Edwin Skoog of Pittston, Pa., who was graduated in 1930 from the veterinary division of Kansas State college and is now practicing in Pittston. The issues start with that of February, 1930, and include all copies up to and including December, 1932. Doctor Skoog has expressed his intention of sending additional copies and keeping the collection up to date.

Mrs. Jones Presents Gift

Mrs. Nellie Kedzie Jones, head of what was once a department of domestic science, has made a present of an old fashioned wardrobe of undergarments and a nightgown to the department of clothing and textiles. The work on the clothing was done under the direction of Mrs. Jones a few years previous to the erection of Kedzie hall, the first building entirely devoted to the teaching of domestic science and art.

A Grad Coaches Him

J. W. England, III, student in the Shawnee-Mission rural high school at Merriam, won the regional public speaking contest for Future Farmers of America. Speaking on "The Challenge of Rural Leadership" England won the regional title against speakers from 11 other states. He will be one of four speaking in the national contest in Kansas City Monday, October 22. England's coach is Harold Garver, B. S. '29, M. S. '33.

Alumni to Meet in Hutchinson

A dinner meeting of Kansas State college alumni is planned in conjunction with a meeting of the Kansas state teachers' association in Hutchinson. Merville Larson, '27, who has charge of arrangements, writes that the dinner is to be at 6:30 o'clock Friday evening, November 2, at the Odd Fellow-Rebekah hall. Other alumni meetings on the same date are being planned at Kansas City, Kan., Topeka, Chanute, Salina, Hays, and Dodge City.

G. H. Weckel, '24, who has been with the Kansas Gas and Electric company at Wichita for the past eight years, was a visitor at the electrical engineering department recently.

RECENT HAPPENINGS ON THE HILL

The art gallery of the college library is preparing a special exhibit for homecoming, of art work owned by the college, and that done in the department of architecture.

Intramurals at Kansas State are getting well under way this week with 21 teams competing in touch-football. Horseshoe pitching contests also began. There are 226 entrants in the horseshoe singles.

Fourteen new members were informally initiated last night into Phi Sigma Chi, national pep organization of which Purple Pepsters is the local chapter. Formal initiation will be held Friday night in the K room.

At a meeting of W. A. A. this week ten new members were taken into the organization. Ivernia Danielson, Manhattan, was elected editor for the local chapter of the Athletic Federation of College Women. Maxine Huse, Manhattan, was elected chairman of the program committee.

The personnel of the college glee clubs for both men and women was recently announced by the department of music. Prof. William Lindquist will direct the men's glee club and the chorus. Edwin Sayre will have charge of the first glee club for women and Miss Ruth Hartman will direct the second glee club.

Scarab, senior men's political organization, last week elected the following officers: L. R. Wempe, Seneca, president; R. L. Einslow, Newton, vice-president; George Kerr, Manhattan, secretary; Johnson Hook, Manhattan, treasurer; Paul Vandergriff, marshal, Douglass; and Bill Scales, Manhattan, scout.

Newly elected officers of Enchiladas, national honorary dancing organization, are Peggy Parker, Hill City, president; Gladys Niles, Liberal, vice-president; Jeanne Bryan, Delia, secretary; and Gertrude Tobias, Lyons, treasurer. Approximately 20 members are to be admitted this year. Arrangements have been made for a formal party to be given November 27 at the Wareham ballroom.

Vorras Elliott, McPherson; Floyd Brown, Wichita; and Lehman Madsen, Corbin, editor, business manager, and assistant editor, respectively, of the Kansas State Engineer, official monthly publication of the division of engineering, attended the Engineering College Magazines Associated meeting at Terre Haute, Ind., October 15 and 16.

The Y. M. C. A. started its membership drive last Sunday afternoon, with Dr. H. T. Hill, head of the public speaking department and vice chairman of the Y. M. C. A. board, speaking in Recreation center on "obtaining new members for the 'Y.'" Twenty-three committees of five and six members each have charge of the campaign, each committeeman interviewing prospective members and asking them to join.

Tryouts for the crops judging teams for the American Royal contest which will be held in Kansas City October 22 are being conducted this week under the direction of J. W. Zahnley of the agronomy department. Five boys who are reporting for practice each evening are Frank Parsons, Manhattan; George Rogler, Matfield Green; Louis Evans, Washington; Raymond Dicken, Winfield; and Gerald Simpson, Milton.

A. A. U. W. Begins Fall Work

The children's theater, the economic and legal status of women, and proposed educational legislation in Kansas are three new subjects to be studied by the Manhattan branch of the A. A. U. W. this year. Mrs. Forrest Forrester is to head a committee devoted to the first subject; Mrs. C. O. Swanson, the second subject; and Mrs. Mary P. Van Zile, the third. The international relations, art travel, and young matrons groups will carry on their projects of last year. An all-association meeting last Thursday afternoon in Recreation center launched the year's activities, with informal round table discussions.

MARQUETTE WINS 27 TO 20, WILDCATS STAGE BIG RALLY

TRAILING 27-0 KANSAS STATE SCORES THREE TOUCHDOWNS

Crowd of 10,000 Sees Hilltoppers Swamp Kansas in First Half Only to Have Lead Threatened in Second Period

Night football turned into a nightmare for the Kansas State team in the first half of their contest with Marquette at Milwaukee October 12, and the Wildcats were trailing 21-0 at the end of the first half and 27-0 early in the third quarter. The final score was 27-20, but more of that later.

Ray Buivid, 185 pound sophomore, was the spark plug of the gold-clad nocturnal Juggernaut which rolled over the dazed Wildcats, who tackled and blocked poorly and fumbled away the ball whenever they received it. Marquette, meantime, was functioning in great style. The Hilltoppers had played hard games with two Big Ten teams, losing the first after scoring two touchdowns and the second 3-0 on the last play of the game. They were out to show a home crowd of 10,000 what they could do, and they did.

Behind a big line four backs with bulk, speed, and change of pace operated, Buivid handling the football as he would a baseball, faking and slipping it behind him, then charging through an unprotected spot.

BUIVID IN LONG RUN

At the start of the second half the Wildcats seemed to be back to normal and the Kansans who had turned out for the game began to feel somewhat better. At this stage Buivid, almost nailed for a loss, slipped around end for 53 yards and a touchdown. This last stroke, instead of destroying Kansas State morale, set the Wildcats in motion.

Within three minutes they had a touchdown, Dick Armstrong slashing between Marquette's left end and tackle, cutting around the last two backs, and going on for 56 yards and a touchdown.

ARMSTRONG SCORES AGAIN

Though Leland Shaffer, a fine blocking back, went out of the Kansas State lineup a play or two later, the Wildcat attack kept functioning at top speed. Early in the final quarter Bob Kirk fell on a Marquette fumble on Kansas State's 29 yard line. Elder then went around right end for 37 yards, Lander spun for 9 more, and Elder bucked to first down on Marquette's 20 yard line.

A pass to Barney Hays wiped off 10 yards, and Elder bucked six more. Two downs resulted in a yard loss, but Armstrong came in at quarter for Lander, and on the first play took a lateral pass and skipped over the goal line. Stoner placed-kicked and the score was 14-27.

Again the Wildcats started a drive, covering 80 yards in quick order. Stoner slipped off tackle 20 yards, a penalty and three bucks added 15 more. Stoner stumbled and lost five, placing the ball in midfield, but he dropped back on the next play and hurled the ball to Elder, who took it on the 17 yard line and went on over. Now the score was 20-27 and the Kansas State fans had visions of a tie, but Marquette kept the ball for the rest of the game.

Several Kansas State sophomores played a good part of the game. The statistics:

Marquette (27)	Pos.	Kan. State (20)
McNabb	LE	Churchill
Trost	LT	Flentrop
McEssy	C	Beeler
McGroarty	RG	Griffing
Peoples	RT	Cardarelli
Dobyns	RE	Maddox
Bell	QB	Freeland
Morstadt	QB	Armstrong
Buivid	LB	Stoner
Cuff	RB	Warren
Mierzwa	FB	Warren

Officials—Referee, Don Lourie, Princeton; umpire, John Schommer, Chicago; field judge, George Lewis, Wisconsin; head linesman, Jay Wyatt, Missouri.

The score by periods:

Marquette	14	7	6	0—27
Kansas State	0	0	7	13—20

Substitutes—Marquette, McGuire for Cuff, Frankenstein for McEssy, Renzel for McGuire, McMahon for McNabb, Cuff for Renzel, Gagliardo for Dobyns, St. Eve for Buivid, Reschek for Gagliardo, Lauterbach for Frankenstein, Dobyns for Reschek, McNabb for McMahon, McMahon for McNabb, Art Guepe for Mierzwa, McEssy for Peoples, Buivid for St. Eve, Knipp for Art Guepe, Sonenberg for Trost, Reif for McGroarty. Kansas State, Partner for Cardarelli, Shaffer for R. Kirk, Ayers for Armstrong, Hays for Churchill, Burns for Freeland, Wassberg for Griffing, Fanning for Flentrop, Holland for Partner, Sundgren for Beeler, Elder for Warren, Armstrong for Ayers, Churchill for Hays, Griffing for Wassberg, Warren for Elder, R. Kirk for Shaffer, Lander for Armstrong, Hays for Churchill, H. Kirk for Stoner, Armstrong for Lander, Stoner for H. Kirk,

Wassberg for Griffing, Flentrop for Fanning, Beeler for Sundgren. Touchdowns—Mierzwa, Buivid 2, Armstrong 2, Cuff, Elder. Place kicks after touchdowns—Cuff 3, Stoner 2. First downs—Marquette 12, Kansas State 5. Yards gained—Marquette 279, Kansas State 164. Forward passes attempted—Marquette 3, completed 1 for 5 yards; Kansas State attempted 8, completed 3 for 78 yards. Punts—Marquette 8 for average of 42, Kansas State 8 for average of 39. Penalties—Marquette 3 for 25, Kansas State 4 for 35. Fumbles—Marquette 2, recovered 2; Kansas State 6, recovered 3.

COMMITTEE SELECTS 258 FOR CSEP WORK HERE

Character, Scholarship, and Need Considered by Dean Seaton's Committee in Filling Jobs

Need, character, and scholarship were the criteria observed by the college emergency relief committee in selecting students employed on College Student Employment Project jobs made available by federal appropriation. The committee ranked applicants first and then worked down the list until the quota of 258 was filled. No attempt was made to apportion appointments according to enrollment of divisions.

High school grade transcripts of students who are here for their freshman year average above 90 and there are few college students employed by the CSEP who have a point average below 1.75, according to R. A. Seaton, dean of the division of engineering, who heads the college emergency relief committee.

All types of work were assigned to those selected under the relief set-up. Students were assigned to clerical duties, laboratory assistantships, teaching in laboratories, work in the library and museum, and common labor. Those who are qualified are classified as research assistants.

All CSEP workers were placed in newly created jobs so as not to interfere in any way with employment under normal conditions, it was explained. The 258 students on the CSEP payroll receive an average salary of \$15 each per month.

KANSAS STATE ALUMNI IN OKLAHOMA PLAN BIG PARTY

Headquarters at Alvin Hotel and O. N. G. Building in Tulsa October 27

Kansas State alumni in Tulsa and throughout northern Oklahoma and southern Kansas are making plans to give followers of Tulsa university's Golden Hurricane a lesson in school loyalty when Kansas State meets Coach "Gloomy Gus" Henderson's team there Saturday of next week, October 27. Thomas G. Storey, '21, of the Oklahoma Natural Gas company, Tulsa, and other alumni living in Tulsa, are arranging a colorful program for the entertainment of Kansas State alumni that day.

Headquarters will be at the Alvin hotel and at the Oklahoma Natural Gas company offices in an adjoining building, according to tentative plans announced by Mr. Storey. An alumni dinner following the football game will be served in the home service department of the Oklahoma Natural Gas building. All Kansas State alumni, former students, and their friends are invited. They are requested to notify Mr. Storey as early as possible to make reservations for the dinner.

Mr. Storey asks that all Kansas State alumni decorate their cars with purple and white pennants, bunting, and stickers and help fill the Kansas State section of the downtown parade which will precede the game.

SO-CALLED WINTER OATS TO BE TRIED IN CEREAL NURSERY

Agronomists Say No Oats Now Known Will Survive Winter

Samples of a so-called winter oats named Victory have been received at the college for testing. This seed has been collected from various seed companies which received shipments of it.

It is claimed that the Victory is a winter oats and its sale has been pushed in Kansas for fall and winter pasture with further claims that it will also produce a seed crop next summer.

The Kansas state board of agriculture and the agronomy department of Kansas State college say that no oats now known will live through the winter, and have started an investigation into the claims for this variety. Dr. John H. Parker, in charge of cereal crops, will plant these samples of oats in the cereal breeding nursery to determine whether this variety of oats will survive the winter in Kansas.

PRAIRIE WATER-COLORS EXHIBITED ON CAMPUS

Olson, Kirkland, L. B. Smith, Lockard, Among Those Represented in Advance Showing of Society's Work

Water-colors by six of the Prairie Water-Color society have been received by the department of architecture for their annual showing. The contributions of the rest of the artists of this organization have not yet arrived but are expected today, according to John F. Helm, Jr. They will be exhibited in the department galleries until the end of the month.

Three large papers by Albert Byron Olson, three by Vance Kirkland, two by Robert I. Lockard, two by Linus Burr Smith are among those already on display.

Mr. Smith's "Die Yungfrau," done last summer while he was traveling in Europe, is in decided contrast to his "December" painted a year ago, and both are being viewed with interest. Lockard is represented by two pictures typical of him both in subject choice and in treatment: an elevator on a plain outlined against an ominous sky, a dilapidated farm house done in cold blues, grayed colors.

The pictures of Olson and Kirkland, however, are attracting the most attention. Both men have exhibited here before and each has a distinctive style. Kirkland has two landscapes and a study of two horses in this showing; Olson three landscapes, arresting for use of color and a certain sculpture-like handling of his subject.

FOOD ECONOMICS EXPERT DISCUSSES LIGHT DIETS

'Serve a Little Food Five Times Daily Not Much Thrice to One of Poor Appetite'

"All too often we turn to tea and toast as the only solution of a light diet problem," said Miss Eva McMillan, of the food economics and nutrition staff, in a recent talk on "The Light Diet."

"It isn't impossible, or even difficult, to find an assortment of dishes, however, that are entirely suitable for a diet," said Miss McMillan. "The chief consideration is that the foods be so simple there is little burden upon the digestive system in taking care of them. Every food must be transformed into liquid state in the stomach before it is digested and if it is eaten in this condition, so much less the work for the stomach."

"Milk, taken as a beverage or in the many dishes in which it may be included," according to Miss McMillan, "is the backbone of most light diets, as it is readily digested. Fruit juices, various broths, eggs, and fruits and vegetables when properly cooked also are good."

"Although appetites may be jaded, they probably will respond to simple, wholesome foods, well prepared and nicely served," she continued. "Don't overfeed, or serve food that is not readily digested. And certainly do not serve dishes that are unduly rich. Never serve portions that are large to anyone with a depleted appetite. It is often wise to serve a little food four or five times a day, rather than to try to get someone with a poor appetite to consume enough food in three meals to assure his being well nourished."

PROGRESS OF KANSAS PRESS F. E. C.

A transaction was completed early in August by which H. E. Holden, editor of the Thayer News, and Fred Swinney of the Baxter Springs Citizen traded papers.

A recent issue of the Lincoln Sentinel-Republican carried 20 headed stories on society. They made an attractive society page. W. Cipra is owner and publisher of the paper.

The plant of the Cawker City Ledger was destroyed by fire October 4. All copy and type that had been prepared for the week's issue of the paper were destroyed. L. C. Spence is editor and publisher of the Ledger.

The Kansas State college athletic department will play host to Kansas editors next Saturday at the annual Kansas State-Kansas university football game. Invitations have been mailed to every newspaper in the

Football Schedule, 1934

Sept. 29—Kansas State 13, Fort Hays State 0.

Oct. 6—Kansas State 13, Manhattan college, N. Y., 13 (tie).

Oct. 12—Kansas State 20, Marquette university 27.

Oct. 20—Kansas university (Homecoming) at Manhattan.

Oct. 27—Tulsa university at Tulsa.

Nov. 3—Washburn college at Topeka.

Nov. 10—Missouri university (Parents' day) at Manhattan.

Nov. 17—Oklahoma university at Norman.

Nov. 24—Iowa State at Manhattan.

Nov. 29—Nebraska university at Lincoln.

CHERRINGTON TO SPEAK ON MANCHURIA, RECOVERY, WAR

Denver University Man Will Address City and Campus Groups on World Problems

Ben Cherrington, director of the Foundation for the Advancement of Social Service, Denver university, will address four groups in Manhattan Wednesday, October 24. The Y. W. C. A. and the Y. M. C. A. are sponsoring his noon forum talk in Thompson hall on "Proposed Roads to Economic Recovery."

"The World's Gravest Problem—Manchuria" will be his subject in the 4 o'clock meeting in Recreation center. That evening he will speak in the city Community house on "Peace Machinery in the World Today." The Manhattan peace council and the city ministerial association are sponsoring the last meeting. He will also speak in the high school in the afternoon.

Mr. Cherrington has been on the Kansas State campus many times, the last being in 1932 just before he left for Geneva as one of the American delegates to the disarmament conference. For years he has been in close touch with European political affairs. "He's a pleasing speaker, of considerable charm and scholarship," declare the secretaries of both the campus Christian organizations.

HUNGARIAN MILLING STUDENT DISCUSSES MURDER OF KING

Says Jugo-Slavian Ruler Made Life of Subjects Unbearable

The assassination of King Alexander of Jugo-Slavia was no surprise to Tibor Rosza, a Kansas State milling student whose home is in Hungary close to the border of the Slavic state, because he knew the ruthless way in which the king had maintained his rule.

"Alexander's older brother George was a moron. It is told that Alexander paid some servants to make the hot tempered Prince George angry, and that in a fit of rage he strangled one of them. Of course, he then had to renounce his succession to the throne, and Alexander became crown prince," relates Rosza.

"Alexander as dictator made the Croats' lives unbearable, and it was a citizen from this country who assassinated the king."

Clammer to Speak on Crime

George Clammer, Manhattan lawyer, will speak in student assembly October 19 on "The Criminal and Society."

HOMEcoming CELEBRATION ARRANGEMENTS COMPLETE

RESERVATIONS FOR SEATS INDICATE CAPACITY CROWD

Wildcats Have Not Won from Kansas on Home Field Since 1926—Hope to Break Jinx as Meek Did in 1924

One or more records are likely to fall here Saturday when Kansas State alumni and football fans of the entire state converge on Manhattan for the annual homecoming celebration and the traditional Kansas State-University of Kansas gridiron battle.

Reservations for seats pouring in with every mail delivery indicate that the homecoming football crowd Saturday will be the largest in history. But that is not the only record Kansas State followers hope to break. Not since 1926 has State won on its home field. To make matters worse Kansas State hasn't scored a touchdown against K. U. in Memorial stadium since that 1926 game.

A previous jinx was shaken off on Ahearn field, however, and Coach Waldorf and his gridmen are confident this one can be. Back in 1924 it had been 18 years since Kansas State had won over Kansas, but that fall Don Meek defied what had become almost a tradition and galloped the jinx into the discard on the turf of Ahearn field. Wildcat partisans hope the "home team" jinx will be buried under the same sod.

All of the gala arrangements that custom has ascribed to homecoming celebrations are on the schedule for Friday night and Saturday. Alumni plans are under the direction of Kenney Ford, alumni secretary; ticket sales in charge of Frank Myers of the athletic office; and general arrangements supervised by M. F. Ahearn, director of athletics.

The highlights include a pep meeting in the auditorium Friday night, a conference of Kansas teachers of economics and business Friday and Saturday, registration at the alumni office, fourth district editors' association meeting Saturday morning in the community house, an alumni luncheon Saturday noon at the cafeteria (no speeches), the football game at 2 o'clock Saturday, and varsity dances both Friday and Saturday nights.

The probable starting lineups:

Kansas State	Pos.	Kansas U.
Churchill	LE	B. Hammers
Maddox	LT	D. Nesmith
Partner	LG	Moore
Griffing	RG	Watkins
Sundgren	RT	McCall
Flentrop	RE	Dees
Freeland	QB	Clawson
Armstrong	QB	White
Shaffer	LB	Antonio
Stoner	RB	Stukey
Elder	FB	Peterson

FIVE FACULTY CHANGES MADE, FOUR CHEMISTRY ADDITIONS

Temporary Appointment for John Shenk Who Is on Leave

Five appointments, four in chemistry and one in art, have recently been made to the faculty of Kansas State college. Dr. Lewis Miller, formerly of Illinois Wesleyan, has been made a temporary instructor in chemistry. Doctor Miller took his degree in education from Muskingum college in 1913, his bachelor of arts degree from Ohio State in 1917, and his master of science from Ohio in 1925. He received his doctor's degree from the University of Pittsburgh in 1928. He also has studied at the Universities of Chicago and Michigan.

A. E. Hostetter, formerly graduate assistant, has been appointed full time instructor. He received his bachelor's degree from McPherson college in 1932 and a master's from Kansas State the following year. He is now working toward his doctor's degree. Gene Woodruff who was graduated from Kansas State last June will succeed Hostetter as graduate assistant in chemistry. Paul Warner, '33, will take the place of M. J. Caldwell as graduate assistant. Caldwell was appointed temporary instructor to take the place of John Shenk who is on leave of absence.

Miss Rose Marie Darst who has been an assistant in the art department is now engaged as a full time instructor.

To Play Touch Football

Touch football will replace soccer on the intramural sports program, and golf has been added to the schedule for this year which will be the fourteenth for intramural athletics at Kansas State. Fraternities and a few independent groups make up the membership.

THE KANSAS INDUSTRIALIST

Volume 61 Kansas State College of Agriculture and Applied Science, Manhattan, Wednesday, October 24, 1934 Number 6

WILSON SAYS ADJUSTMENT IS ECONOMIC DEMOCRACY

ECONOMICS AND BUSINESS INSTRUCTORS HEAR AAA SECRETARY

Believes Permanent Adjustment Program Is Necessary—Says Return to Unorganized Days of Overproduction Would Be Ruinous

Agricultural adjustment was characterized by M. L. Wilson, assistant secretary of agriculture, as the middle ground of economic democracy between, on the one hand, a return to unorganized days of free competition with its periods of huge farm surpluses and low prices which prevailed before enactment of the legislation creating the AAA in 1933, and, on the other, the regimentation of Fascism and dictatorship to which European nations have turned.

"When farmers fully understand conditions they will not want to give up agricultural adjustment," Wilson declared in an address on "The Agricultural Recovery Program" before 100 persons who attended the opening session of the tenth annual conference of Kansas instructors in economics and business on the Kansas State college campus Friday and Saturday, October 19 and 20.

The speaker praised the program of the agricultural adjustment administration, with its referendum provisions, as the most significant step in agricultural adjustment ever undertaken. He believes the adjustment program will develop flexibility to conform to changing conditions.

Wilson says a permanent adjustment program is necessary and that a return to unorganized days of overproduction and surpluses would be ruinous. On the other extreme he sees Fascism and dictatorship, a system which he says he will fight to the last ounce of his energy.

INFORMATIVE PROGRAM NEEDED

Emphasizing the need for educating farmers and the general public concerning the serious farm problem, Wilson declared that 90 per cent of the criticism of the adjustment act comes from persons who do not understand the facts. He predicted as future developments in the United States: increased flexibility of the adjustment act, shifting of population from sub-marginal to better lands, improvement of marketing agreements, crop insurance, development of new crops for farms and additional industrial uses for present crops, formation of rural-industrial communities throughout the nation, decentralization of the adjustment administration and increased use of storage facilities on farms through government loans.

"We are now in the grip of a serious economic disease—economic nationalism. A system of unregulated production which worked well from the time of Napoleon to the World war is not going to work under economic nationalism. It is time today for us to ask where we would be had it not been for the agricultural adjustment which is attempting to bring about a balance."

The shift during and after the World war which changed America from a debtor to a creditor nation and the continuous growth of nationalism were blamed by Wilson for the disappearance of the farmer's foreign market and the surpluses which mounted until 1932, and he warned that, unless the foreign markets are restored, much farm land must be taken out of cultivation.

PAINFUL PROCESS NECESSARY

"If we are going to face a wall of continuously growing nationalism, we are not going to be able to increase our exports, and we are going to face eventually the task of taking out of production the crops formerly exported. It is estimated that we may have to remove as much as 40 or 50 million acres of our better farm lands from production. That would be a painful process."

He pointed to the greater farm purchasing power, the dwindling crop surpluses and the manner in which acreage reduction payments have served as crop insurance in the

drought-stricken middle west, as evidences of the success of adjustment.

"After 18 months of operation the agricultural adjustment administration has not produced a miracle of absolute perfection, but I believe it has carried out the greatest program of farm relief ever undertaken," the assistant secretary concluded. "Four million contracts have been signed by three million farmers and approximately five million checks have gone out in payments. Payments to date total approximately one-half billion dollars and it is estimated the total benefit payments for the present calendar year will be \$620,000,000. In 1934 more than 40 million acres of land were removed from the production of surplus crops."

JUDGING TEAMS WIN FIRST, THIRD, AND FOURTH AT ROYAL

All Teams Entered Place Near the Top—100 Prize Animals from College Farm Shown

Kansas State judging teams and livestock from the college farm are again taking a large share of honors at the annual American Royal Live Stock show this week in Kansas City. First in meats identification, third in livestock judging, and fourth in crops judging was the record of the three student judging teams which entered the American Royal competition against teams from other colleges and universities in this section. Results have not been announced on the placing of animals, but indications are that the 100 prize animals representing Kansas State will, as usual, carry away many ribbons and awards.

The meats judging and identification team, including Elizabeth Pittman, Fergus, Mont.; Arlene Marshall, Herington; and Frances Moss Lincoln; with Georgia Meece, Hutchinson, as alternate, placed first Monday night in meat identification. Prof. D. L. Mackintosh is their coach. The Oklahoma A. and M. team of Stillwater, Okla., was runner-up.

Third place in the college students' livestock judging contest was won by the Kansas State team composed of Lee Brewer, Hartford; Charles Murphy, Leoti; Walter Lewis, Larned; Charles Team, Wichita; Albert Thornbrough, Lakin, and Maurice Wyckoff, Luray. Murphy was second high individual judge. First place was won by Texas A. and M. college and second by Texas Technological college. Prof. F. W. Bell is coach of the Kansas State team.

George Rogler, Matfield Green; Lewis Evans, Washington; and Raymond Dicken, Winfield, were members of the crops judging team, coached by Prof. J. W. Zahnley, which placed fourth. Rogler was fifth individual in the entire contest. The contest included judging, identification, and grading of grain and hay. Kansas State was second in judging. Iowa State college was first, the University of Nebraska team second, and Oklahoma A. and M. college was third.

Prof. R. F. Cox and Prof. C. E. Aubel have charge of the sheep and hogs at the show. Fifty-three sheep were entered in the fat and breeding classes. Entries in the fat classes were Southdowns, Shropshires, Hampshires, Dorsets, and Rambouillets. Light and heavy weight grades and cross-breeds also were entered. Entries in the breeding classes include yearling ewes, ram lambs, and ewe lambs of Hampshire, Shropshire, Southdown, and Dorset breeds.

Professor Aubel took 50 head of hogs which were entered in the Berkshire, Poland-China, Chester White, and Hampshire classes.

Hatchery Operators Here Saturday

More than 500 hatchery operators, all certified flock owners and county agricultural agents have been invited to attend the seventh annual school for hatchery operators to be held on the campus October 26. Prof. L. F. Payne, head of the college poultry department, expects a larger attendance than the 200 who were on hand last year.

SCHOLARSHIPS FOR SIX KANSAS STATE STUDENTS

TRUSTEES OF NOYES ESTATE APPROVE AWARDS TOTALING \$251

Students Who Served in World War or Blood Descendants of Veterans Are Eligible—Additional Applications Will Be Considered

Scholarship awards to six students have been approved by the trustees of the LaVerne Noyes estate, according to Dean R. A. Seaton, chairman of the Kansas State college LaVerne Noyes scholarship committee. Those who will receive the awards for the first semester of this year are: Arthur H. H. Daman, Manhattan; Jack Duncan, Wichita; Dana Gail Jackson, Riley; Edward H. Lenhein, Jr., Topeka; O. E. Myrah, Manhattan; and Homer E. Withee, South Hamilton, Mass.

SIMILAR AMOUNT NEXT SEMESTER

The scholarships are gifts covering tuition only which has been defined as including matriculation fees, incidental fees and laboratory charges. The total of the scholarships for this semester for the six students is \$251.75. The amount for the second semester cannot be determined until second semester assignments have been completed and laboratory charges determined, but probably will be approximately the same as for this semester.

The six scholarships awarded will not absorb the entire amount of the scholarship fund made available to this institution, \$1,000 for the academic year. The committee will consider additional applications from eligible students. Only those students who served in the World war for a period of not less than six months prior to the armistice or who had active overseas pre-armistice service, or blood descendants of such World war veterans are eligible. The terms include sons, daughters, grandsons, granddaughters and so on.

INCREASED THIS YEAR

The \$1,000 made available to Kansas State students by the trustees of the fund comes from the estate of LaVerne Noyes of Chicago who set up the fund "to express his gratitude to those who ventured the supreme sacrifice of life for this country and to aid in keeping alive, for generations to come, the spirit of unselfish devotion which these men displayed."

The sum available during this year represents an increase of more than 200 per cent over the amount previously allotted Kansas State college—the total being \$311 for the year 1931-32. Funds were not made available last year.

NINE COLLEGES REPRESENTED AT MEETING OF INSTRUCTORS

Timely Subjects Discussed by Authorities in Business and Economics

Instructors from nine Kansas colleges and universities, including the entire staff of the school of business of the University of Kansas, attended the annual conference of Kansas instructors in economics and business on the campus Friday and Saturday. The University of Kansas, Washburn, Southwestern, St. Benedict's, Wichita, K. S. T. C. at Emporia, Marymount at Salina, Ft. Hays State, and the Army school at Ft. Leavenworth were among the institutions represented.

The principal speaker was M. L. Wilson, assistant secretary of agriculture, Washington, D. C., who spoke at the Friday afternoon session on the subject, "Agriculture and the Recovery Program." Mr. Wilson is on leave of absence as head of the department of agricultural economics of Montana State college. He had a part in the development of the allotment program, was chosen wheat administrator, later aided on the program of subsistence homesteads, and more recently was appointed assistant secretary of the U. S. department of agriculture.

R. M. Green, vice-president of the Production Credit corporation at Wichita, addressed the group Friday night on "The Place of the Farm Credit Administration in the Recovery Program."

He explained the ways in which the farm credit administration is aiding the recovery program, emphasizing the present status of debts and how the administration in making loans to farmers is aiding them to get out of debt.

J. E. Kammeyer and Harold Howe were in charge of the program which included other timely subjects by authorities in the field. Saturday morning Dr. Margaret Justin talked on changes in the position of the consumer.

TESTING OF DAIRY COWS ON INCREASE, REGISTRY SHOWS

Interest Growing Steadily in Herd Improvement Registry—New Butterfat Record Established Past Year

A decided increase in the number of dairy cows tested in Kansas during the past fiscal year, 1933-34, as compared to 1932-33, is shown in the annual report of the advanced registry department by the department of dairy husbandry of Kansas State. So marked is the increase that, in spite of hindering climatic conditions, the number of cows tested is only 18 per cent less than the record high number tested in the year 1921-22.

Although the number of cows tested under advanced registry has decreased greatly in recent years, interest has grown steadily in herd improvement registry, according to W. H. Riddell, superintendent of official testing. Under herd improvement registry, all cows in the herd must be tested and this has kept the total number of animals tested to a high mark. During the past year a total of 425 tests were made in advanced registry and 2,838 in herd improvement registry, an increase of approximately 20 per cent over the totals for the previous year.

It is evident, Mr. Riddell says, that dairying practices have been improved. The cow, Segis Fayne Mutual Netherland 1260509, owned by Grover C. Meyer, Basehor, last year produced 23,469 pounds of milk and 831.3 pounds of fat. Her record exceeded the best previous mark in the senior 4-year-old class A by 137 pounds of fat. Mr. Meyer has six other cows that had butter-fat records exceeding 645 pounds for the year.

WIDELY KNOWN LEADERS TO SPEAK AT EXTENSION MEETING

To Plan for the Betterment of Agriculture and Home Making

County and national agricultural and home economics leaders will confer with the staff of the Kansas State college extension service on plans for the betterment of Kansas agriculture and home making at the annual extension conference October 29 to November 3 on the campus.

For the benefit of the farm bureau members of the state, short talks by various local, state, and national representatives on the conference program will be broadcast daily over station KSAC.

Included in the list of those invited to broadcast are C. W. Warburton, director of the federal extension service, Washington, D. C.; W. R. Darrow, field specialist in information, AAA, Washington, D. C.; and O. O. Wolf, president of the Kansas farm bureau.

Agricultural leaders will broadcast during the farm hour program from 12:30 to 1:30 daily. Home makers will address the women of the state during the regular housewives' half hour from 10 until 10:30 each morning. County agents will introduce the farm bureau presidents from their respective counties.

Elder Leading Scorer

Red Elder, sophomore fullback, leads the scoring of Kansas State football men this year with three touchdowns. Dick Armstrong, senior quarter, has made two. Ted Warren, Lyman Abbott, Leo Ayers, and Ralph Churchill each have six points to their credit on touchdowns, while Oren Stoner has five from kicks.

'GOVERNMENT IN BUSINESS' PRINCIPLE HERE TO STAY'

DOCTOR ISE DISCUSSES BREAKDOWN OF CAPITALISM

Says Hitler Greatest Blessing Since Mark Twain—Showed Up Fascism in True Light, Warns America Against Imitation

"Americans won't be able to recognize the capitalism of the future." This was the prophetic statement of Dr. John Ise, head of the department of economics at Kansas university, in noon forum Friday in Thompson hall. He was speaking on "The Breakdown of Capitalism."

"I'm not insinuating that capitalism is gone," he added, "but the old type of capitalism isn't working any more, and I'm dead sure it can't be revived. Moreover, government intervention is here to stay."

FASCISM A POSSIBILITY

Doctor Ise discussed the relative chances of communism, socialism, and facism determining the future development of capitalism. "I'm not afraid of socialism, for it hasn't a chance. The cards are stacked against it. As for communism, there aren't enough reds here even to make officers for a red army, much less government officials. Fascism, however, is both a possibility and a danger."

Fascism he defined as capitalism doing outwardly and openly what it has always done from behind the scenes: manipulating the government and ruling through the army. He traced the history of Mussolini's rise through the backing of the Bank of Italy and Hitler's through that of Thyssen (munitions manufacturer) and other German industrialists, and showed how each, since gaining power, has "loved the hand that fed him."

'HITLER A BENEFACTOR'

He pointed out elements in the United States which are similar to those of Germany and Italy and which make fascism appear possible: a spirit of defeatism and discouragement following some sort of New Deal, distrust of democracy, rise of socialistic sentiment. "Hitler is our greatest benefactor since Mark Twain, for he has made fascism stand out in its true colors," he humorously commented, pointing out one encouraging sign that the United States might escape this dangerous reaction. "Mussolini was able to disguise it more cleverly."

Doctor Ise gave as some of the reasons for the breakdown of capitalism the World war and the economic nationalism which grew out of it, the development of gigantic irresponsible and unscrupulous corporations, the concentration of wealth in the hands of a few, the rising tide of laborers' resentment at their lot, the failure of competition to adjust economic forces due to the growth of monopolies. Speaking of banks, "the nervous system of capitalism," he prophesied a radically different banking system in the future.

Humorous comment, anecdotes, a dash of slang served to spice his lecture, which had drawn the largest noon forum crowd thus far this fall.

PLANT BREEDER IS SCIENCE CLUB SPEAKER NEXT WEEK

Dr. H. K. Hayes to Address Audience Next Monday Night

Dr. H. K. Hayes, chief of the department of agronomy and plant genetics at Minnesota university, will be brought to the college by the Science club for an address next Monday evening, October 29. His address, a popular discussion of the subject "The Role of Plant Breeding in Crop Improvement," will be given in Calvin hall, room 58, at 7:30 o'clock.

Doctor Hayes comes highly recommended as a speaker who can popularize his somewhat technical subject, according to Dr. George Filinger, secretary of the college Science club. Doctor Hayes has given the talk elsewhere, according to Filinger, and it has proved to be quite understandable to laymen. The public is invited to attend.

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WEDNESDAY, OCTOBER 24, 1934

DRAMA-SICKNESS

Those who regret the passing of the Manhattan theater and are disgusted with that part of the public which withheld its support will be somewhat comforted to know that England has had similar difficulties. Oxford's Repertory theater is reported in the Manchester Guardian Weekly to have "cheerfully but finally" come to an end in the middle of the summer term.

"Some 300 theaters up and down the country have in the last few years closed their doors and become, at best, cinemas, at the worst, potential building sites," continues this English journal. The blame there is put on the public's indifference, on the dramatists' obsession with a small class of people who live in London and most of all on the movies.

Misery loves company, and lovers of the drama here who usually suffer from a feeling that America is a land of barbarians whereas all Europe loves the arts, may take a measure of comfort from sharing the woes of their English cousins. Substitute New York City—or Broadway—for London, and the trio of causes here is the same as that in England. Not only a feeling of kinship in problem but pointers for solving it may be gained from reading farther the Guardian's report.

"The first faint cry of renaissance can be heard this autumn. At Oxford the Repertory theater is to be restarted under a new and non-profit-making company guaranteed by local residents. The Old York theater at York carries on under the name of the Citizens' theater owned and run by the people of York and Yorkshire, expecting moreover to get little or no return for their money."

Some such device must soon or late be resorted to here if amateur theatricals are to be revived. Some sort of subsidy is for the present the only solution. Some day American playwrights may turn their attention to dramas for the people in general, not merely for one city's sophisticated cosmopolitan. Only then can theaters be expected to carry on without this artificial respiration of a subsidy. It is to be hoped that the Manhattan theater will speedily find such backers. It would be a pity to let a college generation pass through our doors without some taste of that grand old art—the legitimate drama.

ART

Library Exhibition

Contrast there is in plenty in the exhibition now hanging in the third floor gallery of the library. He who likes color and simplicity with sure craftsmanship will find enjoyment in the charming color block prints by Miss Margaret Whittemore: stone buildings, historic trees and churches, covered bridges, picturesque windmills. The person who prefers clear-eyed realism and the urban scene, which shows industrial America, will gravitate to the strong lithographs of William Dickerson of Topeka, excellent in composition, craftsmanship, feeling.

Among the oils there are the Alice Pike Barney portraits done in the academician's manner, in their huge black frames: "Marie Huet" of the

aristocratic face, framed in gray hair, "Laura at 16," intelligent, lovely in Japanese kimono and hair-do, "Lady V" in décolleté gown, a beautiful "Gipsy" done in rich wine reds. Birger Sandzen's bold brilliantly colored landscapes make interesting contrast for these. So, too, do Henry Varnum Poor's two oils in the west wing, with their modernity of subject and handling.

The two PWA oils are an interesting addition to the college's art collection: "Market in Algiers," with its natives displaying their wares at the base of a sunlit wall, at a corner of the narrow street, and "March Morning," backyards of crowded homes done in blues and red-browns. The former is by H. Mercier Orwig, the latter by R. J. Rigsby, both of St. Louis.

The right wing is devoted to our own artists, John Helm, Jr., and Charles Morgan, both of the department of architecture. All of Mr. Helm's have been shown before and can always depend on admiring interest among art lovers. Mr. Morgan's work certainly shows his versatility: lithographs, water colors, dry points, crayon sketches. Some were done several years ago in Spain; others celebrate the American scene.

The exhibition was put up for homecoming and for this week's library convention but will remain up for another two weeks.—H. P. H.

BOOKS

Need Versatile Youth

"New Careers for Youth." By Walter B. Pitkin. Simon and Schuster, Inc. New York City. 1934. \$1.50.

All books on vocational guidance—even his own—should be approached with an open mind, but critically, urged Mr. Pitkin. "Listen to everybody and analyze all testimony with a critical mind," is his advice. Assuming this attitude, the book can be read with interest.

Changing opportunities in 95 important fields of work are discussed in this realistic attempt to chart the post-1929 world of jobs. The brief discussion is based upon opinion of 500 key executives and experts in these fields, together with timely statistical information about businesses, trades, and professions.

Careers, as well as life, must be planned intelligently in order to be effective, according to Mr. Pitkin. Youth must face the problem and solve it. Versatility and adaptability are essential to him in informing himself quickly and thoroughly and learning new methods of job hunting—vastly different than yesterday's. A deliberate attempt must be made by the individual to merge jobs.

"Stepping down one's job" is important in the present employment situation. Mr. Pitkin advises the job-seeker who is unable to find an opening in the field he prefers and for which he seems best fitted to seek opportunities in another field requiring abilities as closely allied to his as possible.

Although he feels a high school diploma is essential to a good job today, Mr. Pitkin would have youth view college entrance with a critical mind, even if it is financially possible. If he cannot afford a college education, he would do better to invest his time and energy in himself. "Let him set aside 8 or 10 hours daily, just as if he were on a factory payroll. Let him begin orderly investigation of fields of industry, finance, business, and professional work, with a view to finding a niche somewhere. Let him visit plants and offices, chat with people, take notes, work assiduously over reference books, and generally emulate the scholars."

Youth—a person between 17 and 32 years of age, by Mr. Pitkin's definition—is at least more conscious after reading "New Careers for Youth"—he is certainly aware that this is 1934 A. D. pushing forward! —Dorothy Blackman.

Biography of a Negro

"Along This Way." By James Weldon Johnson. Viking Press. New York City. 1933. \$3.50.

"Along This Way" is the autobiography of one of the most prominent Negroes in the United States today. Born in Jacksonville of educated parents who had always been free and prosperous, he grew to young manhood without much consciousness of a race problem. After graduation from Atlanta university, he taught for several years, becoming principal of a school of a thousand pupils, establishing the first high school for Negroes in Jacksonville, and study-

ing and practicing law in his spare time. With his talented brother, Rosamond, he became prominent in the popular song field a quarter of a century ago, made the acquaintance of many prominent people, and traveled in Europe as a musical performer. He spent several years as U. S. consul in Venezuela and Central America. From 1919 to 1930 he was closely associated with the National Association for the Advancement of Colored People. Since then he has written several important books and has served as an editor. In 1925 he received the Spingarn medal for his services to his race.

As a poet Mr. Johnson is the author of the Negro national anthem, "Lift Every Voice and Sing"; of the

When it's bad it practically makes a farm worthless. Even in boom times, lending companies refused credit on heavily infested farms. The only known remedy used to be salt, which was expensive, and about as bad as the bindweed so far as future crops were concerned.

Chemist W. L. Latshaw and Agronomist J. W. Zahnley of Kansas State college have lately licked the bindweed problem with sodium chlorate. The stuff looks like ground rock salt, costs eight dollars for one hundred pounds, enough for an acre. It is dissolved in water and put on three or four times with any kind of a sprayer, from a knapsack to a power machine. The first dose is applied a month or so after full bloom, second

New Technique in War

The Manchester Guardian Weekly

The report that the Royal Air Force is fitting silencers to its latest night bombers is the sort of cheering news to interest civilians everywhere. What does it mean? Chiefly it means that the defense against air attack, already largely powerless, is on its way to becoming entirely so. How does one defend oneself against an aeroplane one can neither see nor hear? Such a consummation may not be a prospect of today or tomorrow; it is certainly coming. The trend towards silent flight is irresistible. Commercial aviation demands it—for the comfort of its passengers. The general public will also demand it shortly with the extension of air routes and the growing amount of flying that is done over crowded districts. Military aviation is thus benefiting by all the research carried out for civil purposes besides doing plenty of its own.

There are two chief sources of aircraft noise, the exhaust and the propeller. The first is being reduced by the design of silencers which are not too heavy and which do not reduce greatly the output of power from the engine. It is this equipment which is being fitted to the new R. A. F. bombers. The engineers are curtailing the noise of the propeller by reducing the speed at which the propeller-tip revolves, by using three or four blades instead of two, and by a general study of propeller design.

Now it is on the bomber's noise that all defense against it chiefly relies. Each searchlight used in Britain's home defense today has a "sound locator," without which it is largely blind. This machine receives the sound of the enemy's engines, plots his approximate position and course, and gives warning both to the searchlights and to the anti-aircraft guns. It is said that the sound locators can hear hardly anything at all of machines fitted with the new silencers when they fly above 10,000 feet. Modern bombing may be done at 15,000 feet. It is one more macabre assurance for the wars of tomorrow.

libretto of the opera, "Goyescas"; of many popular songs, including "Under the Bamboo Tree," and of numerous art lyrics. His early novel, "Autobiography of an ex-Colored Man," has had a recent revival. "Black Manhattan" is an authoritative study of the Negro in New York. "God's Trombones" is an interesting experiment in recording Negro sermons in rhythmic prose. The Johnson brothers have also made the best collection of Negro spirituals.

Many interesting friendships in literary and artistic circles are told of in the book. The latter part traces recent effort for economic and social betterment of the Negro. The tone is dispassionate but courageous. Mr. Johnson believes that, on the whole, the status of the Negro in the United States is steadily improving, and that the white attitude is showing more of fair play and decency. His wish is "that the Negro would retain his racial identity with unhampered freedom to develop his own qualities. . . and finally stand upon a plane with other American citizens."

This important book will interest thoughtful Americans who are concerned about the problems of social justice and moral fairness created by the handicap under which twelve million colored Americans are endeavoring to secure for themselves life and happiness.—H. E. E.

VICTORY

Back in the seventies, Kansas imported from Europe at the same time as immigrants a fine strain of hard red winter wheat, and bindweed. The immigrants made good citizens, the Turkey wheat was just the kind that Kansas needed, and the bindweed became an infernal nuisance. Since Kansas seldom keeps anything to herself, the pest has been spreading so that now it is as far east as Illinois.

a month or more later, and another at the close of the season or the next spring. Then a smother crop, such as thick sorghum, is grown. The spray kills all vegetation, is dangerous to trees and shrubs, but leaves no residue to hurt the soil.—The Country Home.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Twelve new tennis courts were constructed at a cost of \$4,500 during the fall on the playing field west of Nichols gymnasium.

Letters of congratulation on the Aggie victory over K. U. from Arizona, California, Indiana, New Mexico, and Nebraska were printed in THE INDUSTRIALIST. Many letters contained checks from proud alumni who wanted to do their bit for the stadium.

TWENTY YEARS AGO

The local chapter of Tau Omega Sigma went national—becoming Gamma Epsilon chapter of Beta Theta Pi.

The Rev. Walter Burr, in charge of rural service work in the division of college extension, addressed the district convention of women's clubs at Oswego.

THIRTY YEARS AGO

The college Y. W. C. A. reported a membership of 85, and the Y. M. C. A., 108.

The Tatarax obelisk, near the fountain in the city park, was unveiled. Several speakers and bands of the city were on the program.

Dr. E. W. Reed, '92, was a visitor at the college. He had just completed his medical work at the University of Michigan and was to practice medicine at Holton.

FORTY YEARS AGO

C. B. Selby, fourth-year, was called to Enid, Okla., to look after his claim.

Mrs. Kedzie was elected president of the Young Women's Christian association at a convention held at Ottawa.

The college cadet band, under the leadership of Professor Brown, serenaded two newly married couples at Mr. Romick's.

The college cadet officers, "each accompanied by a lady," were entertained by Captain and Mrs. H. G. Cavanaugh at their Houston street residence.

FIFTY YEARS AGO

The library received a handsome new case, containing the card catalogue, the work of the mechanical department.

Young women students were furnished both printing and telegraphy free of expense, these two offices, with the sewing and cooking departments, being provided especially for their industrial training.

BUNDLES

Carl Sandburg

I have thought of beaches, fields, Tears, laughter.

I have thought of homes put up— And blown away.

I have thought of meetings and for Every meeting a good-by.

I have thought of stars going alone, Oracles in pairs, sunsets in blundering Wistful deaths.

I have wanted to let go and cross over To a next star, a last star.

I have asked to be left a few tears And some laughter.

SUNFLOWERS

H. W. D.

FAMILY CAR

One of the finest points in home management is allotting the family car when father wants it to take him to the golf course five miles distant and mother wants it to take her to a meeting of the Wednesday afternoon bridge club across town and daughter needs it to go five blocks to the drug store to purchase an air-mail stamp so she can hurry some important word to her Romeo.

This set-up may not be exactly the one you encounter five or six times a week, but it is near enough to put you approximately on the spot.

In such domestic emergencies there is only one right move to make; but nobody is ever able to discover it, so the correct solution need not even enter our discussion.

Usually father gets hot on the telephone and calls some fellows whose wives' bridge clubs meet on Tuesday or Thursday or Friday until he finds one whose wife is ill in the hospital or visiting in some distant port and whose daughter is going to have permanent-wave irons on her head all afternoon and lives only a block and a half from the beauty shop.

Then they two—father and the fellow who really has a chance at a car—spend the next hour trying to locate two other husbands whose wives are not on the phone talking to somebody about something or other. Finally they succeed and the foursome is arranged.

That disposes of father for the afternoon.

Mother and daughter then go into a most audible huddle and try to decide whether mother will take daughter to get the air-mail stamp on her way to the Wednesday afternoon bridge party or daughter will take mother to the bridge club on her way to the purchase of the stamp. Mother, of course, will have no great need of the car while she is trying to make four spades on a two-diamond hand and it surely won't take all afternoon to buy a stamp. So there you are.

This little situation is presented primarily to show what a blessing golf is and how nice it would be if there could be a car for every member of every family in America.

THE PASTURE

Robert Frost

I'm going out to clean the pasture spring;

I'll only stop to rake the leaves away (And wait to watch the water clear, I may);

I shan't be gone long.—You come too.

I'm going out to fetch the little calf That's standing by the mother. It's so young; It totters when she licks it with her tongue.

I shan't be gone long.—You come too.

AMONG THE ALUMNI

Carolyn Mather, '33, is teaching in the grade schools in Deerfield.

Olive Legerstrom, '19, is teaching in Athens college, Athens, Ala.

Muriel Morgan, '34, is teaching home economics in the high school at Copeland.

Kathryn Pelton, '34, is teaching home economics and music in the high school at Wallace.

Roxie (Bolinger) Cupp, '26, is teaching home economics and history in the high school at Montrose.

Mary Elizabeth Allman, '34, is teaching home economics, biology, and general science at Mount Hope.

Lena Darnold, '28, is teaching vocational home economics in Drexel, Mo., this year. Her address is Box 122.

H. L. Sebring, '23, is a circuit judge in the district near Gainesville, Fla. He has headquarters at Gainesville.

Norma L. Hook, '29, now lives in Kansas City where she is relieving manager at the Myron Green cafeteria.

Esther (Thomas) McCarty, '27, and W. O. McCarty, '23, are working in a Delta Zeta sorority community center in Vest, Ky.

Carrie E. Davis, '28, lives at 1007 East Ninth street, Winfield. She is home economics advisor for Cowley and Sumner counties.

Fern Cunningham, '28, is teaching Spanish and music in the junior high school in Junction City. Her address is 320 West Eleventh street.

Adelaide Glaser, M. S. '30, is teaching in the department of home economics at the New Mexico State Teachers' college, Silver City, N. M.

R. J. Tillotson, '29, and Amy C. (Jones) Tillotson, '28, live at Lamoni, Iowa. Mr. Tillotson is employed as an engineer in the soil erosion service.

Donald Fox, '34, is a chemist with the White Eagle refinery in Augusta. He and Ferne (Vesceky) Fox, f. s. '34, are living at the Plains hotel, Augusta.

George Baldrige Telford, Jr., '33, is working toward a doctor's degree at the University of Iowa. He lives at 328 East Jefferson street, Iowa City, Iowa.

Esther C. Thomas, '29, is assistant dietitian at the government hospital, Chillicothe, Ohio. Her address is Veterans administration faculty, Chillicothe, Ohio.

Earl Wheeler, '05, is in the electric sales department of Sears, Roebuck company, Chicago, Ill. His address is 504 South Lincoln street, Hinsdale, Ill.

Geneva (Faley) Walters, '26, is living at 434 Central place, Kirkwood, Mo. Her husband is teaching physiology in the medical school of St. Louis university.

Raymond Hughes, '33, is working toward a doctor's degree at the University of Chicago where he is specializing in physiology. His address is 5757 University avenue, Chicago, Ill.

H. W. Garbe, '27, is living at 146 North Harlem avenue, Freeport, Ill. He is design engineer in charge of the design and production departments of the C. F. Burgess laboratories.

John M. Scott, '03, is chief milk inspector with the Florida department of agriculture. He and Mary Lorena (O'Daniel) Scott, '04, live at 1110 West Masonic street, Gainesville, Fla.

A. B. Nystrom, '07, visited the campus August 28. Mr. Nystrom is an extension dairyman with the United States department of agriculture. His address is 6002 Thirty-fourth place, Washington, D. C.

MARRIAGES

MADAUS—HARTMAN

The marriage of Margaret Madaus, '34, and John Hartman, f. s. '33, of Sioux City, Iowa, took place at the home of the bride in Hutchinson June 16.

RAND—JOHNSON

Elsie Rand, '30, Wamego, and Delbert Johnson, f. s. '26, also of Wamego, were married July 5. They are making their home in Wamego

where Mr. Johnson is manager of a Skelly oil station.

DURHAM—KEMPER

The marriage of Helen Gertrude Durham, '32, of Manhattan and Gene Owen Kemper of Emporia took place at the home of the bride June 26. Mr. Kemper is sports editor of the Topeka Daily Capital.

RUDBECK—WOLBERG

The marriage of Helen Beach Rudbeck, f. s. '34, and Floyd Byron Wolberg took place June 30 at the Methodist church in Manhattan. Mr. Wolberg is employed by the state as dairy inspector with headquarters at the college.

GRIFFITHS—BRANDENBURG

The marriage of Dora Griffiths, f. s. '29, and Frank Brandenburg, '33, took place June 30 at the home of the bride in Phillipsburg. The Brandenburgs are making their home in Fairview where Mr. Brandenburg is teaching vocational agriculture.

BRISCOE—LEE

The marriage of Faith Briscoe, '31, and Donald Lee took place July 1 at Burden. Mrs. Lee has been dietitian at the college hospital. Mr. Lee is employed by the Perry Packing company. They have made their home at 316 Colorado street, Manhattan.

RUTHI—MARTIN

Mabel Ruthi, '31, and Thomas Ellsworth Martin, '33, were married July 14. Mrs. Martin has been teaching in the high school at Selden. They have made their home in Charles City, Iowa, where Mr. Martin is employed by the Oliver Farm Equipment company.

HOLZAEPPFEL—FOLEY

Edna A. Holzaeppfel of Buffalo, N. Y., and Dr. T. J. Foley, '23, of Harrisburg, Pa., were married June 29. Doctor Foley is a veterinary inspector with the bureau of animal industry in the United States department of agriculture. Their address is Box 610, Harrisburg, Pa.

DIZMANG—CLUTS

Esther Eulalia Dizmang, '28, and Maurice Cluts of Franklin Grove, Ill., were married June 27 at the Cluts home. Mrs. Cluts has been supervisor of music and instructor of home economics in the Franklin Grove high school for the past three years. They will make their home near Franklin Grove, Ill., on a farm.

DAVID G. ROBERTSON DIES AT HIS HOME IN EVANSTON, ILL.

Prominent Alumnus and Author of 'The Old College Bell' Was Member of the Class of '86

David G. Robertson, one of Kansas State's most loyal and prominent alumni, and a member of the class of 1886, died Saturday, October 13, at his home in Evanston, Ill. He was believed to be recovering from an appendicitis operation performed August 12.

Mr. Robertson was a prominent attorney, had practiced law in Chicago since 1893 and was at one time alderman in Evanston. He was a member of the American, Illinois, and Chicago bar associations. He was a classmate of General James G. Harbord and a college room mate of J. W. Berry, Manhattan lumberman.

Mr. Robertson had been active in alumni affairs and once was an officer of the Chicago alumni club. He had made many visits to the campus since his graduation, usually at commencement time. On one of his visits he wrote the poem, "The Old College Bell," which is read at the opening of each founders' day radio program.

President F. D. Farrell has paid this tribute to him: "Mr. Robertson was a distinguished member of one of the most distinguished classes ever graduated at this college. He was one of the most loyal members of that extraordinarily loyal class. His love for the college has been an inspiration to thousands of students. His passing is a distinct loss to the college and its alumni."

He leaves the widow, two sons, and two daughters. The funeral was held at the Congregational church in Evanston Monday.

Demand for Engineers

Prof. F. C. Fenton, head of the department of agricultural engineering, reports that he has had recent requests for five good men for jobs paying \$150 per month or more. One request was from Oklahoma and two from the bureaus at Washington.

LOOKING AROUND

KENNEY L. FORD

NEW YORK ALUMNI MEETING

Kansas State football players and coaches, with Mike Ahearn, arrived in New York Saturday morning, October 6, and were variously occupied until the start of the Manhattan game at Ebbets field, Brooklyn. Approximately 100 Aggies attended the game, played on a muddy field, part of the time in rain. The final result was a 13 to 13 tie. The Manhattan college team had one evident advantage in that the players were accustomed to mud and water, having played two consecutive games under similar conditions. Statistics of this game showed the superior performance of the Wildcats.

In the evening the team went sightseeing about New York, while some 50 alumni from New York, New Jersey, and Pennsylvania met in an informal mixer at the Taft hotel. Mike Ahearn, Coach Lynn Waldorf, and Kenney L. Ford addressed the group and answered many questions, after which the remainder of the evening was spent in reminiscing, exchanging news and making new friends. Mike Ahearn apparently got as big a kick out of it as anybody, although the meeting made him late for a reunion of some of his family.

Sunday morning alumni took the team to the steamship "Berengaria," lying at her pier in the Hudson, and then to the tower of the Empire State building for an unusually clear panorama of the city. A few then continued sightseeing by automobile, but most of the team went to Ebbets field to watch a professional football game.

In the evening the group left for Washington, D. C., taking with them the best wishes of all of the Kansas Aggies in New York.

The following alumni were present at the Saturday get-together at the Taft hotel: Lewis L. Bouton, '11, and Myrtle (Hayne) Bouton, f. s. '10, 156 Christie street, Leonia, N. J.; O. K. Brubaker, '22, 1126 Dorsey place, Plainfield, N. J.; Paul E. Chappell, f. s. '28, and Kathryn (King) Chappell, '26, 9 Hunts lane, Brooklyn, N. Y.; A. L. Coats, '29, and Mrs. Coats, Poughkeepsie, N. Y.; Erma Coleman, '29, 142 St. Nicholas avenue, Brooklyn, N. Y.; B. R. Coonfield, M. S. '27, and Mrs. Coonfield, 347 Lincoln place, Brooklyn, N. Y.; Gertrude Conroy, '21, 353 West Fifty-seventh street, New York City; Millie Copeland, '98, 67 Columbia heights, Brooklyn, N. Y.; Earl J. Cover, '29, and Ruth (Graham) Cover, '31, Castleton, N. Y.; J. B. Dorman, '96, 784 Jewett avenue, Staten Island, N. Y.; Charles L. Erickson, '27, and Olive (Manning) Erickson, '27, Towaco, N. Y.; W. E. Forney, '25, and Mrs. Forney, 3044 Penn street, Merchantville, N. J.; C. A. Frankenhoff, '18, 30 Maryland avenue, Long Beach, N. Y.; H. R. Geiman, '31, Schenectady, N. Y.; Olive Haeghe, '29, St. Lukes hospital, Bethlehem, Pa.; Mildred Halstead, '22, 135 Hamilton place, New York City; Foster A. Hinshaw, '26, and Stella (Baker) Hinshaw, '31, 114-68 208th street, St. Albans, N. Y.; F. E. Johnson, '29, and Edna (Stewart) Johnson, '28, Closter, N. J.; Ruth M. Kellogg, '10, 85 Andrews place, Yonkers, N. Y.; Keith E. Kinyon, '17, 30 Maryland avenue, Long Beach, N. Y.; L. A. Kirkendall, '28, Furnald hall, Columbia university, New York City; Ernest L. Lahr, '21, and Hettie (Carris) Lahr, '20, Carnegie institute, Cold Spring Harbor, Long Island, N. Y.; W. A. Lathrop, '15, 116 Watchung avenue, Chatham, N. J.; Harold C. Lindberg, '29, and Frances (Wagner) Lindberg, '29, 3511 Seventy-second street, Jackson heights, L. I., N. Y.; Horace G. Miller, f. s. '28, and Lillian (Bedor) Miller, '28, 4316 Forty-second street, Sunnyside, L. I., N. Y.; Fred Masek, '28, and Esther (McGuire) Masek, '29, 176 Clarkson avenue, Brooklyn, N. Y.; H. L. McGee, '26, 30 Rockefeller plaza, New York City; Lee Moser, '17, 31 West Eighty-fourth street, New York City; Dr. T. A. Newlin, '28, 6 Mt. Hope avenue, Dover, N. J.; Roma Nelson Nickles, f. s. '27, 15 Hunts lane, Brooklyn, N. Y.; William A. Nelson, '29, and Margaret (Adams) Nelson, '27, 647 Delaware, Clairton, Pa.; J. F. Price, '27, 503 Grove street, Upper Montclair, N. J.; Don A. Shields, '25, 4 Glenwood avenue, East Orange, N. J.; Edward G. Weinbricht, f. s. '33, Schenectady, N. Y.; W. Whitney, '23, 463 West street, New York City; C. C. Wolcott, '13,

324 North Broadway, Yonkers, N. Y.; Dr. Don A. Yandell, '23, 787 Clinton avenue, Newark, N. J.; C. B. Hudson, '24, Rutgers university, New Brunswick, N. J.; Roy H. McKibben, '31, Schenectady, N. Y.; and R. B. W. Peck, 46 West Ninety-third street, New York City.

Washington, D. C., Alumni Meet

Kansas State alumni met at the Hotel Hamilton, Washington, D. C., for a luncheon October 8 honoring members of the Kansas State athletic department. Milton S. Eisenhower, '24, director of information, United States department of agriculture, the toastmaster, introduced Lynn Waldorf, head football coach; Wes Fry, assistant coach; Kenney Ford, '24, alumni secretary; and R. I. Thackrey, of the department of journalism, for brief talks. M. F. Ahearn, well known director of Kansas State athletics, received a hearty welcome from Washington alumni. He introduced former Kansas Aggie athletes who were present including B. C. Harter, '25, sports editor for the Washington, D. C., Herald; and Roy R. Groves, '09, bureau of animal industry, United States department of agriculture. Mr. Ahearn also gave an intimate word picture of the college and faculty.

New officers were elected for the Washington alumni club. Dr. C. L. Marlatt, '84, was elected president; Mrs. Osceola (Burr) Burr, '13, vice-president; and A. B. Nystrom, '07, secretary-treasurer.

These registered at the luncheon: Glen E. Eakin, f. s. '25, 3016 Tilden street, N. W.; S. C. Salmon, '23, United States department of agriculture; W. K. Charles, '20, press service, United States department of agriculture; Glen E. Edgerton, '04, 2802 Munitions building; Claude B. Thummel, '05, United States army; Walter T. Swingle, '90, United States department of agriculture; Wellington Brink, '16, American Red Cross; Paul A. Cooley, '29, 5510 Seventh, N. W.; Guy E. Yerkes, 20 Dresden street, Kensington, Md.; H. W. Mars-ton, M. S. '21, 2348 High street, S. E. Leon M. Davis, '09, 6307 Maple avenue, Chevy Chase, Md.; F. H. Schreiner, '10, 3200 Oliver street, N. W.; Adelle (Blackly) Freeman, '01, 1757 K street, N. W.; Nellie L. Thompson, '10, 127 Fourth street, S. E.; Maude (Failyer) Kinzer, '03, 14 West Lenox street, Chevy Chase, Md.; D. J. Martin, '29, 1473 Girard, N. W.; Fred E. Wilson, '24, Arlington, Va.; Alice E. Moreland, f. s. 1526 Seventeenth, N. W.; W. N. Moreland, '28, 1526 Seventeenth, N. W.; Lenore (Berry) Bennett, '24, 2901 Legation street; Mildred (Berry) Swingle, '19, 2901 Legation street.

R. L. Swenson, '15, and Mrs. Swenson, 1216 Girard, N. E.; R. R. Graves, '09, Kensington, Md.; Elbert W. Smith, '31, and Roberta (Jack) Smith, '33, 1326 Orren, N. E.; Edward Sullivan, f. s. '32, 2633 Connecticut avenue; Walter Burr, '20, and Osceola (Burr) Burr, '23, 5420 Connecticut avenue, apartment 306; R. I. Thackrey, '27, Manhattan, Kansas; Mildred Walker, '30, Bureau of Standards; Ruth Robinson, 1629 Columbia road; Josephine Hemphill, '24, 3220 Connecticut avenue, N. W. Corinne (Failyer) Kyle, '03, 14 West Lenox street, Chevy Chase, Md.; C. E. Rogers, M. S. '26, and Mrs. Rogers, 1629 Columbia road; M. S. Eisenhower, '24, and Helen (Eakin) Eisenhower, f. s. '26, 1813 Twenty-fourth street; B. C. Harter, '25, 2737 Devonshire place; Grace (Lightfoot) Patch, f. s. '18, 3303 Thirteenth street, N. W.; Ray L. Smith, '24, 3039 Macomb street, N. W.; Zella (Kouns) Smith, '24, 3039 Macomb street, N. W.; F. W. ImMasche, '29, Farm Credit Administration; Chester D. Tolle, '24, 4707 Connecticut avenue, N. W.; and Lolita Toothaker, 2111 Massachusetts avenue, N. W.

Alumni to Meet in Salina

Kansas State college alumni will meet in Salina at 6:15 o'clock Friday evening, November 2, in the Barbee cafe of the Clayton hotel. This meeting will be held in conjunction with the Kansas State Teachers association meeting. R. B. Rickles, '26, 1416 East Iron avenue, and Charles Shaver, '15, 17 Crestview drive, are in charge of arrangements. All former students of Kansas State college and friends are invited.

'Vet' Graduate a Visitor

Dr. R. W. Jackson, a graduate of the veterinary division in 1930 and now of Frenchtown, N. J., was a visitor on the campus recently.

RECENT HAPPENINGS ON THE HILL

The girls of the Ula Dow cottage motored to Lawrence Tuesday, October 16, to hear Frances Perkins, secretary of labor, speak.

Deadline for the submission of Quill club manuscripts was 5 o'clock Friday, October 19. Candidates now await the verdict of judges.

A candle lighting recognition service for all new members of the Y. W. C. A. was held Thursday night, October 18, in Anderson hall.

Prof. Frank C. Gates, of the department of botany, led the members of the Wesley foundation on a nature study hike Saturday, October 12.

A written examination was given Tuesday, October 16, to complete try-outs for the Bit and Bridle club. Ten new members were taken into the club.

German club members listened to a talk on old Russia and another on "What Hitler has done for Germany" at their meeting Wednesday evening, October 17, in Fairchild hall.

Acting Dean W. E. Grimes, head of the department of agricultural economics, and Galen S. Quantic, were in Topeka Tuesday, October 16, conferring with members of the state planning board.

Prof. R. I. Throckmorton, head of the department of agronomy, left Manhattan Thursday, October 18, for Vera Cruz, Mexico, where he will appraise a tract of land to determine its agricultural value and its capacity for intensive farming.

The annual homecoming decoration contest among fraternities was won by Pi Kappa Alpha, with a most convincing barnyard scene, complete with bawling calf, crowing roosters, horse on veranda. The award will be recognition in the college year-book.

Richard Haggman, Courtland; Ed Rupp, Moundridge; Francis Baker, Manhattan; and Don McNeal, Boyle, members of Sigma Delta Chi, men's professional journalism fraternity, attended the national convention of that fraternity held October 19 to 21, at DePauw university, Greencastle, Ind.

STUDENT VETERINARIANS ON INSPECTION IN KANSAS CITY

Will Study Work of U. S. Bureau of Animal Industry in Food Testing

Practical work in their profession will be observed by senior students in veterinary medicine who are enrolled in the specialized course in meat inspection while on an inspection trip to the packing plants of Kansas City October 24 and 25.

They will study the actual work being done by the inspectors in the United States bureau of animal industry, according to Dean R. R. Dykstra of the division of veterinary medicine of Kansas State. In this way they hope to familiarize themselves with the work of preventing human illness by preventing the sale of unhealthful or otherwise unsanitary meat or milk products for consumption by human beings. The government seal of acceptance of food for humans is evidenced by a small circular blue stamp placed on the product by these veterinary meat inspectors.

The stamp, "U. S. inspected and passed," is one of the safeguards to public health as insured by the government. It is being more widely used and observed each year.

'Sunflowers' over Radio Now

Management of radio station KSAC recently introduced a new feature, Radio Sunflowers, by Prof. H. W. Davis of the English department. His voice is well known to alumni sport fans for his football and basketball broadcasts. He also has given radio addresses on various subjects. The new program, however, varies from previous efforts. He will give an oral edition of his column, Sunflowers, which appears weekly in THE KANSAS INDUSTRIALIST and several Kansas newspapers. Five- or six-minute broadcasts by Professor Davis will be heard over station KSAC every Saturday morning at 9:30 o'clock.

WILDCATS DOWN JINX AND JAYHAWKERS, WIN 13 TO 0

FIRST VICTORY OVER K. U. AT MANHATTAN IN SEVEN YEARS

Elder and Ayers, Kansas State Sophomores, Score Touchdowns before 14,000 Homecoming Fans in Game Replete with Thrills

BY H. W. DAVIS

The Kansas State Wildcats smashed another jinx last Saturday afternoon. For the first time in seven years they won a homecoming game against the Kansas university Jayhawkers. The score was 13-0, and all Manhattan went jubilant until far, far into the night.

It was another second-half comeback for the Kansas Staters, the fourth in four consecutive attempts. The Jayhawkers had a good, clear edge during the first thirty minutes (net) of play, gaining more ground and threatening to score two or three times, thanks mostly to the activities of Hapgood, Stukey, and White in the backfield, and Sklar in the line. But at that the threats were not over-serious, and long punts by Stukey for Kansas university and Oren Stoner for Kansas State made the game a teeter-totter affair.

Now to that third quarter.

FUMBLES EXCHANGED

After a punt by Stukey placed the ball on the State 16-yard line Armstrong fumbled and Lemster recovered for Kansas on the 4-yard Wildcat marker. Chills—very severe chills—for the west stadium and the homecoming Kansas Staters. But Nesmith politely returned the fumble on the first try at those four yards and Dean Griffing, Wildcat center, recovered. That made it even—almost even, anyhow. Stoner punted and White returned the oval to the 33-yard stripe. The Wildcats woke up and smeared three Jayhawker attempts for no gain.

Then White tried a pass to somebody whose name matters not. Maurice Elder saw that pass and got its trajectory. He also got under way. He and the ball became one on the 26-yard line, and together they zoomed with nice blocking straight down the field three or four yards from the west border for 74 yards, a touchdown, and a lot of glory. There were Jayhawkers all around them for a while, but the Wildcats mowed them down one by one until Elder went over the goal line with one faltering pursuer five yards in the rear.

Such a break and such a jubilation. The Homecomers went dizzier than Dizzy himself, and the air was choked with pillows and pandemonium. And Stoner's kick for the extra point stirred it all up again.

'EVERYTHING HAPPENED'

In the fourth quarter Waldorf sent in a new team. Warren, Ayers, and Henry Kirk took possession of things somewhere in midfield and manipulated a first down on the Kansas 28-yard line. Then Kirk broke away to the 11-yard line, and from there Ayers dashed through K. U.'s left tackle, out-guessed the secondary and trotted across for six more points. Warren's kick was blocked.

From then on it was a wild scramble for another touchdown which never came, and the game ended 13 to 0.

From the thrill angle the game was what a co-ed would call a "honey." Fumbles, spills, passes bumping around refusing to get grounded, punts sailing high, wide, and long, spikes refusing to hold in the sod—well, just about everything happened. Maybe it wasn't such finished football from a scientific standpoint, but who wants to be a scientist on a keen Saturday afternoon in October?

For Kansas State, Armstrong, Stoner, Churchill, Maddox, Kirk, and of course Elder and Ayers, came in for a good share of the glory. Hapgood, White, Stukey, and Sklar were the Jayhawker stars. Waldorf used 24 men in the game, and there was little to choose between his two or three combinations.

The statistics:

Kan. State (13)	Pos.	Kansas U. (0)
Churchill	LE	Hammers
Maddox	LT	Nesmith
Holland	LG	Sklar
Griffing	C	Phelps
Sundgren	RG	Moore
Fanning	RT	Dees
Hays	RE	Clawson
Armstrong	QB	White
R. Kirk	HL	O. Nesmith
Stoner	RL	Stukey
Elder	FB	Peterson

The score by periods:

Kansas State	0	0	7	6	13
Kansas U.	0	0	0	0	0

Substitutions—Kansas: Wells for Hammers, Hapgood for White, Seigle for Dees, White for Hapgood, Luton for Ferris, Harris for O. Nesmith, Hays

for Clawson, Humphreys for Wells, Dees for D. Nesmith, Lemster for Peterson, White for Hapgood, Harris for O. Nesmith, Hammers for Wells, Kell for Lemster, Dees for D. Nesmith, Antonio for Harris, Hapgood for White, Wassberg for Griffing, Plenthorpe for Fanning, Freeland for Hays, Burns for Churchill, Beeler for Sundgren, Ayers for Armstrong, Griffing for Wassberg, Churchill for Burns, Cardarelli for Beeler, Lang for Maddox, Armstrong for Ayers, Wassberg for Griffing, Hays for Armstrong, Burns for Churchill, Beeler for Sundgren, Lang for R. Kirk, Freeland for Hays, Holland for Partner, Warren for Elder, Sundgren for Beeler, H. Kirk for Stoner, Partner for Holland, Armstrong for Ayers, Hays for Freeland, R. Kirk for Lang, Churchill for Burns, Stoner for H. Kirk, Griffing for Wassberg, Cardarelli for Partner, Wharty for Griffing.

Scoring—Elder, Ayers. Point after touchdown—Stoner 1 (place kick). First downs—Kansas State 10, Kansas 9. Yards gained—Kansas State 168, Kansas 118. Forward passes attempted—Kansas State 7, completed 2 for 23 yards; Kansas attempted 13, completed 3 for 21 yards. Yards returned, intercepted passes—Kansas State 83, Kansas 5. Yards lost in scrimmage—Kansas State 63, Kansas 19. Punts—Kansas State 11 for average of 43 yards, Kansas 14 for average of 40 yards. Penalties—Kansas State 7 for 35 yards, Kansas 5 for 55 yards. Kick-offs—Kansas State 3 for 166 yards, Kansas 1 for 35 yards. Fumbles—Kansas State 8, recovered 4; Kansas 2, recovered 0.

LAWYER DENOUNCES U. S. A'S LOVING WAYS WITH CRIMINAL

George Clammer Urges Reform in Interest of Removing Present Handicaps on Society

America must give up its "easy, loving methods" of dealing with criminals if society is to protect itself against organized crime. This was the theme of the talk, "The Criminal and Society," given in student assembly Friday, October 19, by George Clammer, Manhattan lawyer. American criminal law, he said, is copied after the English type which developed in the struggle for individual rights as opposed to those of the king, and is admirable in the abstract but pernicious in the way it has worked out. England has abandoned many of the practices we still retain and has partially reinstated the older Roman inquisitorial criminal methods in order better to protect society.

The law which says a defendant cannot be made to give evidence against himself, Mr. Clammer pointed to as one which should be changed in the interest of society. He also urged that the defendant's counsel be given the right to throw out no more prospective jurors than the prosecuting attorney. The right of habeas corpus he showed also to be laudable in the abstract, pernicious in practice. Judges should be required to comment to the jury as to the evidence, he emphatically declared. As it is now, they are forbidden to do so, no matter to what trick the criminal lawyer resorts. Since county attorneys are usually young, inexperienced lawyers, this increases the danger to the public.

A police system divorced from politics, a state police system, a change in laws of jurisdiction, were other measures he urged.

The conservatism of state legislators who reverence and are uncritical of the Bill of Rights, he said, so far has prevented changing these now obsolete rules. Courts, too, have usually ruled rigidly as to the constitutionality of any attempts to change criminal procedure, but are beginning to swing away from this attitude. He told of the five points which the state bar association will bring up for reform at the next session of the legislature.

Organized crime in the United States costs between 10 and 15 billion dollars a year, he told his audience—almost half that of our present entire national indebtedness.

Charles Stratton, of the music faculty, played two piano solos and the Rev. William U. Guerrant gave a sermonette before Mr. Clammer's talk.

Records May Fall

Lynn Waldorf holds two football records against Tulsa university, and is sure that at least one will fall Saturday, with the other very much endangered. Tulsa has not scored against a Waldorf team in the last 11 quarters of play, their last touchdown against Oklahoma A. and M. coming in the first quarter of the 1931 game. Waldorf is sure this record will be broken by the 1934 Tulsa team and feels that his other record—that of not being beaten by Tulsa—is quite shaky.

Relay Team to Des Moines

Kansas State's 2-mile relay team will have its first meet of the season November 3 against Drake university at Des Moines.

WILDCATS PREPARE FOR TULSA HOMECOMING GAME

KANSAS STATE'S FIRST CLASH WITH HURRICANE WILL BE SATURDAY

Waldorf Believes Tulsa Is Hardest Team in This Section To Beat When Keyed to High Pitch—Gives Henderson's Men the Edge

"Tulsa is one of the hardest teams in this section of the country to beat when keyed to its highest pitch. Their loss to George Washington Saturday cut our chances of victory in half." With the above remark Coach Lynn Waldorf started the job of prepping his Kansas State college football eleven for their game with Tulsa university at Tulsa Saturday.

"The psychology of Saturday's game is all with Tulsa," Waldorf added. "Our eleven, having won a game it desired very much to win, is in great danger of a mental let-down. It will be Tulsa's homecoming, and I know from observation over several years that they'll be keyed to the highest pitch of the season. In 1930 Oklahoma City came to Tulsa's homecoming with a greatly favored team and lost 13 to 33. Texas Christian was beaten 13 to 0 a year or two ago, and last year Oklahoma City, previously undefeated, went down 39 to 0."

GIVES TULSA EDGE

Rating the two elevens strictly on the basis of their showing against Kansas university, Saturday's game appears to be a toss-up. Tulsa beat Kansas 7 to 0 and Kansas State won from K. U. 13 to 0, but only one of Kansas State's touchdowns was earned.

Statistically Tulsa's defense rates better than that of Kansas State, with Kansas as the yardstick. Kansas had a net gain of 99 yards from scrimmage against Kansas State, and their net gain against Tulsa was minus 9 yards. Kansas State's offense had a net gain of 105 scrimmage yards against K. U., while Tulsa's net on offense was 76 yards, giving Kansas State a slight margin.

Though Kansas State and Tulsa have never met in football, the teams of Coach Lynn Waldorf and Elmer Henderson are old rivals, and Waldorf is well acquainted with the abilities of the veterans on the Tulsa team.

ALUMNI TO MEET

Kansas State will be outweighed in the line from 5 to 8 pounds by the Golden Hurricane, but the Wildcat forwards are accustomed to conceding poundage, as they have had to do it in each game this year. Backfield weights will be about even.

Leland Shaffer, 190 pound 2-letter blocking back who was out of the Kansas U. game with an injury, will be back in the lineup against Tulsa, Kansas State's only casualty at present being Don Beeler, sophomore guard from Mankato.

Kansas State headquarters will be at the Alvin hotel in Tulsa and at the Oklahoma Natural Gas company offices in an adjoining building. There will be an alumni dinner following the game with all Kansas State alumni, former students and their friends invited. Reservations should be made by calling Thomas G. Storey, '21, of the Oklahoma Natural Gas company.

PROGRESS OF KANSAS PRESS

F. E. C.

Mary Whitelaw, '34, was in the office one day last week. She is working for her father on the Kingman Journal. They put out an attractive and newsy paper for their readers.

Walter F. Dufraim of the Plains Journal has enlarged his paper from a six to an eight page issue. Six or seven new high class features are now offered to the subscribers of the Journal.

An entire back page of the Augusta Daily Gazette was devoted to school news, written by students of Augusta senior high school. The student page is called the Augustan. Chester K. Shore is editor of the Gazette.

Cora G. Lewis, of the Kinsley Graphic, is conducting a "Salesmanship Club" campaign. A 1934 Hupmobile sedan will be given the candidate who gets the most points from selling subscriptions and advertising cards.

B. P. Weekes, publisher of the Mar-

Football Schedule, 1934

Sept. 29—Kansas State 13, Fort Hays State 0.
Oct. 6—Kansas State 13, Manhattan college, N. Y., 13 (tie).
Oct. 12—Kansas State 20, Marquette university 27.
Oct. 20—Kansas State 13, University of Kansas 0 (Homecoming).
Oct. 27—Tulsa university at Tulsa.
Nov. 3—Washburn college at Topeka.
Nov. 10—Missouri university (Parents' day) at Manhattan.
Nov. 17—Oklahoma university at Norman.
Nov. 24—Iowa State at Manhattan.
Nov. 29—Nebraska university at Lincoln.

MURDOCK WARNS COLLEGE AUDIENCE AGAINST AVARICE

Traces History of Mad Speculation Periods Followed by Economic Collapse in United States

Victor Murdock, editor of the Wichita Eagle, addressed the noon forum Monday, October 22, in Thompson hall, urging his audience to become less materialistic, more spiritual minded.

He spoke of the religious spirit and the desire for political freedom among the founders of America, but said that even in colonial days there was the taint of blind love of wealth. He traced the course of American periods of prosperity and mad speculation followed by economic collapse, and panics: beginning with 1835 when "the bottom fell out of rubber," through 1893 when land speculation and railroad expansion precipitated another panic, and on down to 1929 when "most Americans were insane."

"The United States will recover when we've learned our lesson of simplicity, frugality, and integrity," he declared. He urged the youth in his audience to do their part to help perfect democracy through slow, patient labor, plus a love and fear of God. He pointed out the great men recently produced by Kansas and Oklahoma and stated his belief that this might become the intellectual center of the country.

KANSAS STATE DAIRY JUDGING TEAM AWARDED SCHOLARSHIP

One of Six State Institutions To Win \$600 at Cleveland

Kansas State college was one of six state institutions to win a \$600 scholarship in the dairy products judging contest held in Cleveland, Ohio, last week. Out of 19 teams Kansas State placed third, entitling the institution to one \$600 scholarship to be used by an outstanding dairy products student at one of several recognized institutions next year.

Members of the team were Sherman Todd, Olathe; Everett Byers, Hepler; and Dean Scott, Bonner Springs. Marion Noland, Falls City, Nebr., was alternate.

Kansas State placed as follows: cheese, third; ice cream, sixth; butter, seventh; milk tenth. Todd was ninth on all products, seventh on cheese, and tenth on butter. Byers placed third on cheese.

K. S. C. FURNISHES MOST OF VOCATIONAL 'AG' TEACHERS

ONLY 16 OF 117 IN STATE ARE FROM OTHER SCHOOLS

Total of 101 Graduates Employed in as Many High Schools to Teach Vocational Agriculture—Many Classes Represented

All but 16 of the 117 vocational agriculture teachers in Kansas high schools this year have been graduated from Kansas State college, a recent survey shows. Each of the 101 who hold vocational agriculture teaching jobs have bachelor of science degrees and some have advanced degrees from this institution. The remaining 16 are from other widely scattered colleges and universities.

ONE FROM CLASS OF 1904

J. A. Johnson, teacher of vocational agriculture in the Kiowa high school in Barber county, was graduated from Kansas State in 1904 with a major in agronomy. Two members of the 1934 class who are teaching vocational agriculture this year in Kansas are O. D. Calhoun at Hill City rural high school and Dale Edelblute, who is in the Harveyville rural high school system in Wabaunsee county. Most of the Kansas State graduating classes from 1904 to 1934 are represented in the list of vocational agriculture teachers of the state.

MANY CLASSES REPRESENTED

The vocational agriculture teachers in Kansas for 1934-35, the year of their graduation from Kansas State, and the schools in which they are teaching:

Fred Allison, '25, Abilene; W. F. Hearst, '23, Alma; Roy Clegg, '22, Labette high school, Altamont; Roy Bonnar, '29, Alta Vista; Fred Schultis, '30, Alton; J. Willis Jordan, '32, Americus; Marion Pearce, '33, Argonia; T. C. Faris, '26, Arkansas City; Thos. W. Bruner, '24, Auburn; Lester Chilson, '33, Bazine; Fred T. Rees, '13, Beloit; J. L. Jacobson, '15, Berryton; C. H. Young, '20, Beverly; G. E. Lyness, '26, Blue Rapids; Paul Mize, '14, Bonner Springs; Oscar M. Hardtarfer, '32, Brewster; Carl Heinrich, '29, Burlington; E. I. Chilcott, '27, Carbondale; W. R. Harder, '22, Chanute; A. E. Engle, '11, Dickinson county community high school, Chapman.

F. F. Lampton, '24, Crawford county community high school at Cherokee; Edwin Hedstrom, '24, Clay Center; C. O. Fisher, '28, Coats; R. W. Fort, '26, Thomas county high school, Colby; L. E. Mella, '28, Coldwater; A. G. Jensen, '20, Concordia; A. W. Miller, '29, Chase county community high school, Cottonwood Falls; H. W. Schaper, '17, Delphos; D. L. Signor, '21, Atchison county community high school, Effingham; O. E. Campbell, '28, Ellis; F. R. Brandenburg, '33, Fairview; Earl Knepp, '26, Frankfort; J. A. Watson, '29, Fredonia; R. H. Perrill, '25, Sherman county community high school, Goodland; Wayne Ewing, '32, Greensburg; G. N. Baker, '27, Grinnell; H. E. Frank, '31, Haddam; P. W. Russell, '28, Harper.

Dale Edelblute, '34, Harveyville; L. E. Crox, '32, Havensville; O. D. Calhoun, '34, Hill City; A. E. Cook, '21, Holcomb; S. S. Bergsma, '29, Howard; R. L. Welton, '32, Hoyt; Carl Iles, '25, Iola; Wm. H. Teas, '24, Kingman; J. A. Johnson, '04, Kiowa; W. R. Essick, '18, Lawrence; F. A. Blauer, '29, Lebanon; W. W. Zeckser, '33, Le Roy; E. P. Schrag, '31, Lincoln; F. E. Carpenter, '29, Linn; A. A. Haltom, '26, McLouth; H. W. Schmitz, '22, Manhattan; R. W. Russell, '25, Marysville; Charles Mazze, '30, Medicine Lodge; E. B. Burton, '23, Meriden; H. D. Garver, '29, Shawnee Mission high school, Merriam; John Kerr, '27, Miltonvale.

I. E. Peterson, '32, Morrowville; E. L. Raines, '24, Mound City; Sam J. Smith, '20, Mullinville; E. P. Nauck, '22, Mulvane; A. T. Heywood, '24, Neodesha; R. M. Karns, '26, Newton; V. O. Farnsworth, '14, Seaman high school, North Topeka; R. G. Fry, '30, Norton; John Lowe, '29, Oxford; Elery Collins, '32, Parker; L. N. Jewett, '19, Parsons; C. C. Milligan, '32, Paxico; W. W. Humphrey, '24, Pleasanton; Clarence Anderson, '33, Powhattan; Earl Martin, '12, Pratt; W. N. Page, '33, Ramona; J. Willett Taylor, '34, Reading; V. E. Frye, '31, Rolla; Marvin Castle, '31, Saffordville; R. E. Cleland, '22, Cheyenne county community high school, St. Francis; V. E. Fletcher, '27, St. George; H. K. Richwine, '29, Scott City; O. E. Reece, '31, Silver Lake; E. A. Templeton, '30, Smith Center.

Paul Chilen, '30, Solomon; Harold Kugler, '33, South Haven; Olin Sandlin, '33, Spearville; Dwight Patton, '23, Stafford; W. L. McMullen, '32, Tampa; O. M. Williamson, '24, Tonganoxie; H. A. Stewart, '26, Washburn rural high school at Topeka; J. R. Wood, '25, Trousdale; Deal Six, '22, Vinland; L. J. Schmutz, '25, Wakefield; H. A. Myers, '22, Wamego; H. H. Brown, '28, Washington; J. R. Wells, '28, Waterville; M. C. Barrows, '24, Webster; T. G. Betts, '29, Wellsville; Kenneth Knouse, '25, Westmoreland; Joyce W. Miller, '33, Williamsburg; Ira Plank, '18, and John Lowe, '23, Winfield; E. F. Yoxall, '33, Woodston.

Social Club Meets

The Social club, organization of faculty women and faculty wives, had its first meeting of the academic year October 8 in Recreation center. The 36 new members were guests of honor. Miss Hilda Grossmann sang two numbers and Prof. C. L. Morgan gave a chalk-talk on "Seeing Architecture."

Strong Finishers

Of the 9 touchdowns made by Kansas State college football men this season, 8 have been in the second half.

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Number 7

PERMANENT PROGRAM IS KEYNOTE OF CONFERENCE

ALL BUT SIX COUNTIES REPRESENTED BY EXTENSION AGENTS

Director of Service Says Fundamental Principles of Work Have Not Been Changed by Emergency Activities Last Two Years

"A permanent program for the betterment of agriculture and home economics" was the keynote of the annual extension conference which opened on the campus Monday.

One hundred and one county agents, assistant agents and other county extension workers answered roll call at the opening session. These people represent all of the counties in Kansas with the exception of Phillips, Morton, Trego, Decatur, Osborne, and Gove, which are not organized. All farm bureau presidents, chairmen of women's advisory boards, and presidents of corn-hog and wheat allotment committees have been invited to attend the conference later in the week.

UMBERGER OPENS CONFERENCE

In opening this year's session, H. UMBERGER, director of the Kansas State college extension service, emphasized that the fundamental principles of extension work had not been changed by emergency activities of the past two years. "We shall always have the necessity for improved farm practices, better farm management, and higher quality animals and crops," he said. "Efficiency in farming will always be a mission of the extension service regardless of the future trends in adjustment work."

The same thought was emphasized by C. W. Warburton, director of the federal extension service, when he said, "We don't know just what is going to happen to extension work in the future but I want to state that, regardless of what we have in the way of emergency programs, we must always return to our one job of improving agriculture and home making."

PRaises LOCAL LEADERS

Director Warburton pointed out that the extension service, comprised of 6,715 official workers, is greatly indebted to the thousands of local leaders who backed their county agents to the limit in putting across the many county programs.

Roll call was made by Director UMBERGER with each county agent and home demonstration agent responding by introducing the farm bureau president or advisory committee chairman from his or her county.

Governor Alf M. Landon will address the Thursday morning session of the conference at 10:45 o'clock in the college auditorium.

LIBRARY MURALS ACCEPTED FOR COLLEGE BY PRESIDENT

Farrell Praises Artist for Handling Theme in Conservative, Not Modernistic, Style

The four mural paintings of the college library were formally accepted by President F. D. Farrell last Friday night in a program arranged by the art section of A. A. U. W.

The original act of congress which created the land-grant colleges of the United States specified that both liberal and practical education should be provided therein, the president reminded his audience. In its early years Kansas State college neglected the first but of late has given it an ever increasing emphasis.

He praised the painter of the murals, David Overmyer of Topeka, for his high artistic ability and for handling his theme in conservative style, rather than in the modernistic manner of so many artists of "the last few hectic years" whose work would probably soon be "as obsolete as a glass cage full of stuffed birds."

Mr. Overmyer then spoke briefly on mural decorations as the oldest, most inclusive, most exacting of the arts. It must be complementary to the architecture, he said, must not obtrude but must be a part of the walls, breathing the atmosphere of the room. He pointed out the dis-

advantages under which he and his assisting artist, Byron Wolfe, had worked—having to use the wall of a long narrow room which made inevitable some distortion in the farther pictures viewed from either end of the room. He took up each of the four paintings, celebrating the four major interests of the college—the home, the arts, agriculture, the industries—analyzed the composition, and explained the symbolism therein.

A large crowd of college and townspeople had come for the program and for the Friends of Art exhibition on the third floor of the library.

LECTURE SERIES ON DECADE OF LITERATURE UNDER WAY

Professor Conover Discusses Decline of Middle Class Culture—Political, Social Influences in 1920's

The forces which determined the trend of the literature of the nineteen twenties and John Dos Passos' novel, "Three Soldiers," were the subjects of discussion last night in Calvin hall at the first of this year's series of English lectures. Prof. R. W. Conover analyzed the political and social influences and showed how a declining middle class culture had colored the literature of the decade. The artistic and psychological influences of the novel, the disillusionment of the period reflected therein he also pointed out. He concluded with a statement of what may be expected from authors.

Miss Myra Scott then spoke on the war novel, "Three Soldiers," published in 1921, among the first of a long line of fiction, radical in method.

The English lectures are to be each Tuesday evening at 8 o'clock in Calvin hall, except for next week's talk by Miss Helen Elcock on "The Year 1922," which is to be on Wednesday night, November 7. They continue through January 15 and bear the series title, "A Decade of Contemporary Literature, 1921-1930." This is the fourteenth year of the English department evening lectures.

LIST OF FARMERS WITH SEED OATS FOR SALE IS AVAILABLE

Experiment Station Has Names of 350 Who Have Kanota Seed

A list of farmers having Kanota seed oats for sale has just been announced by the agricultural experiment station here. The list includes seed of 350 farmers and dealers distributed throughout the oats-growing section of Kansas, according to Prof. H. H. Laude. More than 154,000 bushels of oats is represented in the approved list of available seed, but this is only a small proportion of the amount needed to plant a normal acreage.

The experiment station has no specific information, Laude said, concerning the quality or purity of seed listed and can assume no responsibility but makes the suggestion that purchases be made on the basis of sample or on a germination and purity report from the state seed laboratory. Copies of the list of farmers having seed for sale may be obtained from the experiment station.

ENGINEERS OF THREE STATES WILL MEET HERE THIS WEEK

Two-Day Program Arranged for Those Interested in Engineering Education

More than 130 engineers are expected to attend the annual meeting of the Kansas-Nebraska section of the Society for the Promotion of Engineering Education to be held on the campus Friday and Saturday November 2 and 3.

Speakers for the meeting will include President F. D. Farrell of the college; C. C. Williams of the University of Iowa, president of the Society for the Promotion of Engineering Education; G. C. Shaad, University of Kansas, vice-president of the society; Prof. Frank Kerekes, chairman of the committee on civil engineering, Iowa State college, and several other well known men.

CHERRINGTON DISCUSSES THREE WAYS TO RECOVERY

ECONOMIC SELF-SUFFICIENCY DEMANDS MORE REGIMENTATION

Contents That Wide Foreign Markets Impossible Without Either Big Armies and Navies or Else Membership in League

Three major proposals for economic recovery were presented in noon forum Wednesday, October 24, by Dr. Ben Cherrington, director of the foundation for the advancement of social science, Denver university. They are economic self-sufficiency, called by the Germans "autarkie," a return to economic internationalism but with no political entanglements, and thoroughgoing internationalism both in economics and politics.

Doctor Donham, dean of the graduate school of Harvard, is the chief exponent of the first policy, he said. To follow it America must forget world trade, must renounce the role of world's banker, and concentrate upon a purely national economy. This would involve national planning on a far greater scale than has been tried in the New Deal thus far, and a much greater regimentation of American life. Some economists contend it can be done only by a socialistic government, others like Walter Lippmann that a remnant of the capitalistic system could be salvaged and yet accomplish this aim.

ARMAMENT REQUIRED

Advocates of the second policy, of whom Borah is the best exponent, declare that America has gone too far in world trade to go back now, and urge not only recapturing lost markets, but gaining more. But they demand isolation from the rest of the world politically. "That road is possible," commented Doctor Cherrington, "but only by heavy war preparedness. If the United States wants free opportunity in world trade she must be so armed that no one will dare deny her. And the course of history has shown that one heavily armed nation leads to others, and then come tension and suspicion, and finally military alliances and war."

The third policy, internationalism, which the speaker by inference indicated as his own, is that of Americans who favor joining the League of Nations and all other international organizations which look toward an ordered world society, expand foreign markets, loan money on sufficient security, enlarge the duties of the Bank of International Settlements at Basel so that representatives of the various nation members in it can stabilize currencies, initiate tariff conferences

and eventually reduce tariff walls, investigate backward countries ready to be developed, float loans through international agreements whereby each nation would have her share.

SEES WAR DANGER

"The World's Gravest Problem—Manchuria" was his subject in his 4 o'clock lecture in Recreation center. He presented in a sympathetic light Japan's point of view and pointed out that country's desperate economic plight. He traced the course of Sino-Japanese difficulties from the building of the Japanese railroad in Manchuria.

The vital question, he said, is whether or not the United States and the rest of the world will recognize Manchukuo. If we will abandon the Stimson document, which admittedly is based upon high moral principal, and recognize the fruits of Japanese aggression, war may be averted. If we refuse to "eat our words," war between the United States and Japan will be almost inevitable.

AMERICAN WHO'S WHO LISTS 23 OF THE K. S. C. FACULTY

President, Vice-President, Seven Deans, Eleven Heads of Departments Given Recognition

Twenty-three Kansas State faculty members have their names in the 1934-35 "Who's Who in America" just received at the library. President F. D. Farrell and Vice-President J. T. Willard have been included for some years. Seven of the eight deans of divisions also are among the 23: J. E. Ackert, graduate study; R. W. Babcock, general science; L. E. Call, agriculture; R. R. Dykstra, veterinary medicine; E. L. Holton, summer school; Margaret Justin, home economics; and R. A. Seaton, engineering.

Eleven heads of departments are in this list of those who have "arrived": R. J. Barnett, horticulture; L. D. Bushnell, bacteriology; L. E. Conrad, civil engineering; H. W. Davis, English; G. A. Dean, entomology; W. E. Grimes, agricultural economics; J. E. Kammeyer, economics; H. H. King, chemistry; C. W. McCampbell, animal husbandry; R. K. Nabours, zoology and geology; C. E. Rogers, journalism and printing. The other three are H. L. Ibsen, professor of genetics; F. A. Shannon, associate professor of history and government, and C. V. Williams, professor of vocational education.

Weigel Named Chairman

Prof. Paul Weigel has been named head of the Kansas educational committee on architectural education.

COLLEGE SHEEP AND HOGS WIN 97 PLACES AT ROYAL

ONE GRAND CHAMPIONSHIP, FIVE BREED CHAMPIONS INCLUDED

Pen of Three Grade and Cross-Bred Wether Lambs the Grand Champions—Poland Chinas Are Reserve Grand Champions

One grand championship, five breed championships and a reserve grand championship were included in the 97 awards won by sheep and hogs exhibited by Kansas State college at the American Royal Live Stock show in Kansas City last week.

A pen of three grade and cross-bred wether lambs weighing less than 90 pounds won first and the grand championship of the show. They sold at auction for 20 cents a pound to a Wyoming exhibitor who will show them in Chicago at the International in December and at Ogden, Utah, and Denver in January. A yearling Hampshire ewe was the champion ewe of the show. In addition to the grand championship and championship, college sheep won 10 firsts, 11 seconds, eight thirds, eight fourths, two fifths, two sixths, and one seventh place.

HOGS TAKE 53 PLACES

A pen of spotted Poland China hogs exhibited by the college was champion of the class and reserve grand champion of the show. A Berkshire light-weight pen, a Duroc Jersey heavy-weight pen, a spotted Poland China middle weight and a pen of spotted Poland China middle weights were breed champions.

In addition to the reserve grand championship and four breed champions the college-bred hogs won six firsts, 12 seconds, 11 thirds, four fourths, seven fifths, four sixths, and four sevenths, a total of 53 places.

Summary of winnings by Kansas State college hogs:

Chester Whites—two firsts, four seconds, one fourth, two fifths, and two sevenths.

Berkshires—champion light-weight pen, one first, one second, one third, one sixth.

Poland Chinas—one second, three thirds, two fifths, one sixth, one seventh.

Duroc Jerseys—championship heavy-weight pen, one first, three seconds, two thirds, two fourths, one fifth, and one seventh. Spotted Poland Chinas—championship middle-weight, individual weighing 220 to 260 pounds and championship middle-weight pen, two firsts, two seconds, two thirds, one fifth, and two sixths. Hampshires—one second, three thirds, one fourth, and one fifth.

SHEEP RIBBONS TOTAL 44

Summary of placings by Kansas State college sheep:

Hampshires—yearling ewe, first place and championship ewe of the show, two seconds, one third, two fourths, and one sixth. Shropshires—two firsts, one second, two thirds, and three fourths. Dorsets—four firsts, one third, and one fourth. Southdowns—three seconds, two thirds, one fourth, and one sixth. Rambouillets—two firsts, two seconds, two thirds, and one fifth. Grade and cross-bred wether lambs—heavy-weight, second, and seventh; pen of three lambs, second; grade and cross-bred wether lambs weighing less than 90 pounds, second and fifth; pen of three grade and cross-bred wether lambs, first place and grand championship pen of the show.

SENIOR ENGINEERS TO PLANTS IN CHICAGO AND KANSAS CITY

Civil, Electrical, and Mechanical Engineers and Architects Make Trip

Several groups of seniors in the division of engineering made inspection trips to metropolitan industrial areas during the last half of October. Twenty-eight civil and electrical engineering students made a three-day trip to Kansas City and another group which included 12 civil, 15 electrical, 14 mechanical, and 20 architectural students left immediately after the Kansas game for Chicago where they made a six-day tour.

The places of interest inspected by those who went to Kansas City included the Tecumseh power plant, Tecumseh; the Lone Star Cement company, Bonner Springs; the Ford assembly plant, Kansas City Structural Steel company, and other places of interest.

In Chicago the group visited the Century of Progress, the sewage treatment plant, the Bell Telephone company, the city power plant, and the Commonwealth Edison company.

NOT ONE APPLE BUT THREE EACH DAY CAN BE BENEFICIAL, PROF. R. J. BARNETT BELIEVES

Not one apple but three a day can be beneficially given to most children, said Prof. R. J. Barnett, head of the department of horticulture, in a talk recently given at the college.

"The need for apples is more insistent for children than for most adults. Children crave apples because they need the beneficial sugars and organic acids contained in them," he explained. "Even the child who becomes sick from eating green apples is not suffering from a depraved appetite but from a poorly balanced diet. His need is so intense that he overeats."

"In the opinion of many investigators one apple a day is the minimum need for each person; so one bushel or box of apples for each person in the family will not supply even the minimum October to March requirements. Children can beneficially consume three apples a day, two small ones raw and one large one in sauce or another of the many ways in which it is possible to prepare apples for the table."

"In this drought year, Kansas has grown less than one peck of apples for each person, so that if the needs of the inhabitants are to be supplied it will be necessary to import more than a million bushels from other states," he continued.

"Summer and early fall apples are of poor dessert quality and are best used for sauce and pie," he commented. "The best summer varieties are Yellow Transparent, Cooper Early, and Wealthy. The varieties adapted to early winter use are numerous. Jonathan and Grimes Golden are the best dual purpose varieties. Delicious is popular as a dessert apple but not so good as the others for cooking. These varieties should be discriminated against after January 1, as they lose their aroma and high quality even if held in cold storage. From this time on one of the best varieties is the Winesap. Others which are worth what they cost are York, Ben Davis, Gano, and Black Twig. These last three have little aroma and are not of desirable texture for dessert but are better than no apples for that purpose. Children are not critical, however, and really like them. They are fine for any cooked dish."

"If McIntosh, Spitzenberg, or Yellow Martin should appear on your market, stock up on them, for they are the world's best," he advised. "Equal or superior in beauty are Winter Banana and Arkansas Black, but these are to be avoided because of probable poor quality for any use."

The KANSAS INDUSTRIALIST

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F. E. CHARLES..... Managing Editor
R. I. THACKREY, H. P. HOSFETTER,
RALPH LASHBROOK..... Assoc. Editors
KENNEY L. FORD..... ALUMNI EDITOR

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WEDNESDAY, OCTOBER 31, 1934

THE OFF-CAMPUS FACULTY

A small army of unsung heroes is on the Kansas State college campus this week, attending an intensive one-week school. The heroes, of course, are the county agricultural and home demonstration agents, here for their annual conference.

The resident faculty and student body is likely to minimize the importance of these members of the extension division staff, or to forget that they are, in fact, members of the college staff of instruction. In normal times they go among the farm people, advocating sane, progressive methods of farming, marketing, and living. During the emergency—the last year and a half of agricultural adjustment under the secretary of agriculture—the county agents have been the spearhead of the AAA attack. They have been on the firing line constantly. They have performed well a difficult task, and without special credit. That is why we venture to call them unsung heroes.

This week they are getting orders for another annual skirmish. With their resident-staff leaders, they are considering the fundamentals of extension work together with new plans for agricultural adjustment. Let us hope that the first year of the AAA has been the hardest. Perhaps new phases of the adjustment program will move with greater facility, and thus allow extension workers to renew their original program of improving rural life.

HEIRS OF CAVE MEN

History has marched a long way in between the Cro-Magnon man and the mural painters of today. Yet the latter are direct heirs of the former. David Overmyer, who has celebrated on the Kansas State library wall the four major interests of the college, was actuated by the same creative urge as was the prehistoric man who sketched charging bison on the walls of his cave home.

The cave dweller probably stuck his finger into his crude paint pot and drew with it, or with sticks, whereas Mr. Overmyer utilized a projecting lantern to throw onto the wall his drawing magnified to the required dimensions so as to sketch his figures more easily. Techniques have changed; the spirit is unaltered, unalterable.

Appreciation of the beautiful and joy in its creation are inherent in man. Sometimes they may be submerged by grim necessity, but always they are there. Even in periods of stress, when the practical is of paramount importance, the arts are a potential source of relaxation, of renewal of the spirit. Youth should cultivate them as an unfulfilling source of pleasure, a solace in disaster. Kansas State college is best known for its technical work, its contribution to the sciences, but it is wisely cognizant of the place of the arts in modern life.

BOOKS

Notes on Popular New Fiction

"Matador." By Marguerite Steen. Little, Brown, and Company, Boston. 1934. \$2.50.

A novel, characterized by Christopher Morley as brilliant and irresistible, this story of a retired Spanish bull-fighter is highly informative as

well as entertaining to the person who never has seen Spain. In earlier parts of the book the reader sees the quaint enchantment of Old Spain. He gets a glimpse of its out-moded government tottering before the revolution now in progress there.

Two sons of the old bull-fighting hero forsake him—to hasten the revolution. A third son fails him even more miserably. A beautiful young woman, who is quite beyond understanding of an American, helps to round out the story. Two other women are almost equally mysterious.

As described by Miss Steen, one feels that bull fighting in Spain is little better than legalized racketeering.

"Years Are So Long." By Josephine Lawrence. Frederick A. Stokes Company, New York. 1934. \$2.50.

A novel which comes close to being a social treatise, this one sends shivers down the spine. Not because of any particular gruesome incident or incidents but because it portrays human meanness, selfishness, and smallness. The setting is in America today. An aged father loses his job. With his wife, he is dependent upon their five children for support. The children, dominated by "in-laws," do an excellent job of "selling out" their parents. But there is argument on both sides in this individual case, as always with domestic problems. The story has little entertainment value, though one stays with it to see what perversity human nature will be up to next. Characterization is good and the story as a whole strikes close to American domestic life. With "Matador" as a companion selection, Miss Lawrence's book was a recent Book-of-the-Month choice.

"Unfinished Cathedral." By T. S. Stribling. Doubleday, Doran, and Company, New York. 1934. \$2.50.

It was new fiction last summer and still is popular as the last volume of Stribling's widely-read trilogy. Together with his two earlier novels, "The Forge" and "The Store," this one has the history of the old south as its theme. It goes further than that, however, in narrating the story of the Vaiden family with all its heroism, tradition, and rascality. "Unfinished Cathedral" shows Florence, Ala., in boom days of the present century and in it the reader sees other modern towns gripped by an hysterical, unlovely, unhealthful expansion.

On the whole the reader will not admire Stribling's characters as they stride across the pages, for they behave too much as normal human beings. So much of their treachery is compressed into this novel, and the companion novels, that it threatens the popular conception of a chivalrous old south. Yet, one is conscious of the fact that each household closet hides skeletons, and that Stribling has concentrated them on the homes of one Alabama town.

This story holds no respect for tired eyes. It insists on getting itself read. It was a Literary Guild selection.—F. E. Charles.

THE SORGHUM BARREL RETURNS

If evidence is needed that country folks once more have their feet solidly on the ground, it can be found in the renaissance of sorghum molasses. Perspiring economists find encouragement in mounting bank deposits and employment figures, but to some of us the return of the sorghum barrel offers a more fundamental hope.

Sun and rain and earth have never compounded a nobler triumph than the amber product of the sorghum patch. A good many sirups are merely sweet; put to the blindfold test, they would be indistinguishable. But sorghum molasses has character. Tang! Used as a lubricant for the morning flapjacks, hot biscuit or cornbread, it restores the human perspective. Fused into gingerbread and cookies, it helps fill the mid-afternoon void, keeps ten-year-old America from developing radical tendencies. Whoever heard of a boy with a full cookie jar growing up to be a communist?

There is, of course, only one way to eat hot biscuit and sorghum in comfort. If you lift the biscuit in your fingers, as the lexicon of manners sternly demands, you're almost sure to dribble your shirt front. To reduce the hazards, you've got to wallow your hot bread in the sorghum, cut it up with a fork and plop the segments into the oral cavity with deftness and acceleration. And this method, needless to say, is regarded as virtually immoral by the arbiters of etiquette.

The fact that sorghum isn't a par-

ticularly dainty food may be one of the reasons for the sinister decline in consumption—from 32,895,000 gallons in 1920 to 9,256,000 in 1929. Foolish, foppish decade! Imagine a great nation trying to get along, trying to retain its mental and emotional balance, on a pitiful nine million gallons of sorghum molasses!

But the fevered '20's are gone, and as the clear, zestful days of early autumn drift across the land, the sorghum mills are churning again. Here a gasoline motor sputters purposefully; yonder a mule circles patiently, turning the sweep of an old-fashioned grinder. Sorghum is and always has been a farm-made sweet, manufactured on shares. For the farmer who owns the press, a toll of

opened under the same hormonal conditions as have the older feathers.

The head furnishings of the male, including the fleshy formations of the neck and head as well as the tubular leader, are dependent sex characters. The ovariectomized females develop head furnishings of marked masculinity.

Beard development is an independent sex character of the male. The experiment has not progressed far enough to determine the relationship of the testis hormone to spur growth. There is some evidence that in the turkey "strutting" is not necessarily a secondary sexual character of behavior.

Since the preparation of this manuscript, Van Oord ('33) has reported

"Man's Rough Road"

F. D. Farrell before Kansas State College Extension Workers

Almost from its beginning human society has been confronted with dangers and difficulties, real and imaginary. The long struggle for security against dangers and for ways out of difficulty has taken place along what Professor Keller of Yale calls "Man's Rough Road." The road is cluttered up with ruts and stones and strewn with both victories and defeats. Every time a new difficulty appears or a new danger threatens, the road takes a turn this way or that, the turn usually being somewhat of an experiment. . . .

In looking for turns in the road out of agricultural distress, it is desirable that we observe a few simple facts.

One of these is that no matter which way we turn we shall not get something for nothing. We shall pay for whatever benefits we obtain.

Another is that the agricultural adjustment program is an experiment.

A third is that cooperation succeeds only when it demonstrates that the improvements it brings in the general welfare provide definite benefits for the individuals comprising the cooperating group. Cooperation cannot successfully flout individual self-interest among the majority nor can it afford to impair the individual's sense of responsibility.

Agricultural adjustment is not an end in itself. It is an experimental attempt to serve larger ends, including greater economic security and an increased stability and happiness among rural people.

The college must do everything in its power to preserve the fundamentals of the regular extension program. This program seeks a more stable agricultural production, a reasonable distribution of the hazards of production, a reasonable degree of farm self-sufficiency, sound methods of finance and marketing, and a persistent improvement in the homes and lives of rural people. The function of the college in this program is essentially educational. The college's aim must be to provide information and guidance that will aid farm people traveling "Man's Rough Road" to find safe turns in that road and to keep moving forward.

one-third. For the small lad who accompanies dad to the mill, a free merry-go-round ride aboard the mule.

Fifteen million gallons of sorghum molasses produced and consumed during the past year! Flag and constitution seem more secure.—Country Gentleman.

SCIENTIFIC PUBLICATIONS

OF KANSAS STATE COLLEGE

"The Comparative Nutritive Value of Sorghum Grain, Corn, and Wheat as Poultry Feeds," by Loyal F. Payne. Bulletin No. 268, June, 1934. The author concludes that good quality kafir or milo can replace either white or yellow corn, pound for pound, in a ration for growing chicks or laying hens, when adequately supplemented with other nutrients.

"The Effect of Gonadectomy on the Secondary Sexual Characters of the Bronze Turkey (M. gallopavo)," by Harold Martin Scott and Loyal Frederick Payne. Journal of Experimental Zoology, October, 1934. Summary: The plumage pattern of the adult Bronze turkey is dimorphic. The male type of plumage is expressed independently of the sex hormone of the male, since capons develop feathers that are essentially of the male type. In the female, however, the male type of plumage is suppressed by the ovarian hormone. Following early sinistral ovariectomy, the subsequent adult feathers are of the male type. To date, 38 weeks after date of castration, this male type of plumage has not reverted to the female type, even though feathers were plucked from the breast region. The new feathers have devel-

that females, ovariectomized at 5 months of age, exhibit the male type of plumage following the summer molt.

IN OLDER DAYS

From the Files of The Industrialist
TEN YEARS AGO

Margaret Quayle, international secretary for the Student Friendship fund, spoke at a special student assembly. During the war Miss Quayle did relief work in Belgium, France, and other continental countries.

Fifty persons were enrolled in night school classes in Spanish, American literature, and psychology at K. S. C. The courses were taught by three instructors who volunteered to serve without pay in order to meet the demand for instruction outside regular hours.

TWENTY YEARS AGO

The K. S. C. dairy judging team, consisting of Victor Stuewe of Alma, James Linn and A. W. Aicher, Manhattan, took second honors in the contest at the national dairy show in Chicago.

Dr. and Mrs. J. E. Ackert published their new song, "Aggie Loyalty," for the purpose of strengthening college spirit. The music was composed by Doctor Ackert and the words written by Mrs. Ackert. The song was played by the United States Marine band on a recent visit to Manhattan.

THIRTY YEARS AGO

A prize of \$20 was offered for the best college yell.

Many students enjoyed a camp-fire party on Mount Prospect, south of the Kansas river, where they roasted ap-

ples and potatoes, drank cider, and spent the evening in singing.

"Love and Rivalry as Factors in the School" was the title of a paper read by Professor McKeever before the annual session of the Northwest Kansas Teachers' association at Oberlin.

FORTY YEARS AGO

The college eleven played the Abilene football team.

High wind and clouds of dust did not damp the ardor of the jolly second-year girls and post-graduate girls on their nutting expedition.

W. P. Tucker, '92, visited the college on a bicycle. He spent a month or more a-wheel in western Kansas and planned a trip to Missouri before returning to his home in Douglass.

Hon. J. K. Hudson, editor of the Topeka Capital, accompanied by Mrs. Hudson, visited the college. Major Hudson was a regent of the college at the time of its reorganization in 1873.

FIFTY YEARS AGO

Lieutenant Nicholson took a run down to Leavenworth to be gone for several days.

Three companies of stalwart cadets made the campus lively at the fifth hour on Mondays, Wednesdays, and Fridays.

THE LEAF

Robert J. Greif

Another leaf has gently loosed its hold And fluttered, like a weary bird, to rest Softly forever on the river's breast; For it is autumn, and the leaves are old. In spring I watched the tender bud unfold Its perfect form. The summer sun caressed Such green—I thought it was the loveliest That ever was! And then it was all gold And golden-brown; and in the last clear light Of early autumn sunsets, it would glow, Faint-tinged with flame and moving to and fro In the still wind of the approaching night. I do not care to watch it, floating slow Upon the gentle river out of sight.

SUNFLOWERS

H. W. D.

CONCERNING OVER-EMPHASIS

Every time the Carnegie Foundation comes out with its annual denunciation of the emphasis colleges are placing on football, I feel like snorting and snorting.

In the first place, I can't see that it's colleges that are placing the emphasis. In the second place, I'd approve of both it and them if they were.

For instance. On October 20 of the present year the Kansas State team and the Kansas university team played to 13,000 or 14,000 customers on Ahearn field in Manhattan in the heart of America. The college fall enrolment at Kansas State is only a little over 2,700. Certainly not many over a thousand students came from the University to see the game.

According to my way of counting, that leaves 9,000 or 10,000 spectators from without the college—maybe 70 per centum of the total. Frequently I read of crowds of 25,000, 35,000, 50,000, or 60,000 at other colleges where the enrolment runs from 4,000 to 8,000. All of this leads my weak mind to deduce that it's the parents, alumni, friends, and sports lovers of the community who are emphasizing. And my more than 25 years' following of college football leads me to suspect that they like it and believe they're getting their money's worth.

I sometimes wonder whether the Carnegie Foundation Football Knockers' committee has ever suspected that it might be a good thing for thousands of non-collegians to look in on a college once or twice a year, meet their children and their friends, bet a Stetson hat maybe on the outcome, yell themselves hoarse at the game, have the time of their lives, and go back home well satisfied with their investment, resolving to help over-emphasize football again at the earliest convenient moment.

For that's what they seem to do, and that, it seems to me, is more nearly the whole picture, the one that needs to be considered. Maybe some Foundation sleuth did discover that they are paying a fullback 50 dollars a month at dear old Siwash for washing dishes at the postoffice, but that's only a detail.

For one can, you know, if he tries, over-emphasize even a detail.

AMONG THE ALUMNI

Harold (Doc) Weller, '34, is coaching and teaching at Delphos this year. Madge Limes, '32, is now dietitian in the Greeley hospital in Greeley, Colo.

J. Edward Taylor, '30, is county agent of Grant county. He lives at Ulysses.

Glen B. Railsback, '25, is county agent of Kiowa county. His home is at Greensburg.

Alice E. Henley, M. S. '31, is in the English department of the Ness City high school.

Dorothy Hinman, '32, is teaching this year in the Rebekah-Odd Fellow home near Manhattan.

Margaret L. Foster, '26, is teaching social science and English in the Sylvan Grove high school.

Geraldine Lancaster, '34, is teaching vocational homemaking in the high school at Smith Center.

William J. Lynn, '31, is doing rehabilitation work in Miami county. He lives at 602 East Wea, Paola.

Irene Elliott, '29, is teaching history and commercial subjects in the high school at Lava Hot Springs, Ida.

Mary E. Rankin, '30, is teaching home economics and commercial subjects in the Linwood high school at Linwood.

Lucile Gramse, '23, has accepted a position as assistant director of the dormitories at Pomona college, Claremont, Calif.

Walter E. Criswell, '12, is judge of the juvenile court in Jacksonville, Fla. He lives at 103 Market street, Jacksonville.

William Hall, '32, is now with the International Machines corporation, Endicott, N. Y. His address is 316 Grand avenue, Endicott.

Hilma Marie Freeman, '25, is the social science teacher in the Newton junior high school. Her address is 617 Plum street, Newton.

Thomas M. Wood, '06, and Grace (Enfield) Wood, '05, are now at Vest, Ky. They are working in a Delta Zeta community house there.

Lula (Jennings) Wright, '26, and Irvin Day Wright, '27, are living in Stockton. Mr. Wright is an engineer doing civilian conservation work.

Rose T. Baker, '17, is director of home economics at the Merchantville, N. J., high school. Her address is 117 East Park avenue, Merchantville, N. J.

James Morton Nicholson, '12, is a master mechanic with the Atchison, Topeka, and Santa Fe railway. His address is 660 West Seventy-first street, Kansas City, Mo.

Gilford J. Ikenberry, '20, is living at 2221 Blake street, Berkeley, Calif. He is technician with the California forest experiment station of the United States forest service.

A. D. Meyer, '32, is in the student engineering course with the International Machines corporation at Endicott, N. Y. His address is 1403 Tracy avenue, Endicott.

J. B. S. Norton, '96, visited the alumni office September 4. He is a member of the faculty in the botany department at the University of Maryland. He lives at Hyattsville, Md.

Adelaide Glaser, M. S. '30, is head of the department of home economics at the State Teachers college, Silver City, N. M. She also is an instructor and dietitian for the college dining hall.

John Erwin Foster, '27, is associate professor of animal husbandry investigation at North Carolina State college, Raleigh, N. C. He teaches beef cattle and sheep production courses. His address is 3151 Stanhope avenue, Raleigh.

MARRIAGES

BENNINGFIELD-FREEMAN

Ruth Benningfield of Springfield, Mo., and Theodore R. Freeman, '29, were married June 20. They are living at 226 North Fifth street, Muskogee, Okla.

EVANS-EVANS

Marian E. Evans, '34, and Charles William Evans, '33, were married July 12. They are living in Wichita where Mr. Evans is in the construction department of the Southwestern Bell Telephone company.

JACK-SMITH

The marriage of Roberta Jack, '33, and Elbert Smith, '31, took place July 10 at the Congregational church in Russell. Following the ceremony the couple left for Washington, D. C., where Mr. Smith is employed in the office of the coast geodetic survey.

HORNER-BRYAN

Marie Horner of Abilene and Ray Bryan, '33, were married June 16 at Solomon. Mrs. Bryan has been teaching in Dickinson county for several years. Mr. and Mrs. Bryan made a trip through the east and are now at home in Burdick. Mr. Bryan teaches science in the high school in Burdick.

MURPHY-DOWNING

Mildred Murphy of Pretty Prairie was married to Wilkins E. Downing, f. s. '25, on May 27 at her home. For the last six years Mrs. Downing has taught music and art in the North Grade school in Pratt. Mr. Downing is employed in Pratt by the Rock Island. They are living at 507 North Main street, Pratt.

NELSON-EWING

The marriage of Ruby Nelson, '31, and Wayne Ewing, '32, took place June 28 in Jamestown. Mrs. Ewing has been a member of the Osborne high school faculty for the past three years. Mr. Ewing has taught vocational agriculture at Greensburg for the past year and will continue his work there for the coming year.

FINCHAM-TEMPERO

The marriage of Alice Louise Fincham, '32, and Floyd Tempero, '33, Junction City, took place July 22 at the home of the bride's parents near Pratt. Mrs. Tempero taught in the Glendale rural high school for the past year. Mr. Tempero is employed as a civil engineer with the Kansas state highway commission at Junction City. They live at 604 West Sixth street, Junction City.

BIRTHS

E. H. Herrick, '26, and Clara (Shaw) Herrick, '26, are the parents of a son, Earl Myron, born August 6. They live at Natchitoches, La.

Martin S. Klotzbach, '31, and Ruby (Venard) Klotzbach, f. s. '29, announce the birth of a son October 20. They live at 1105 Kearney, Manhattan.

GEO. C. WHEELER, FARM PAPER EDITOR, DIES AT DENVER

Member of Class of '95 an Authority on Livestock

George C. Wheeler, '95, managing editor of Western Farm Life, Denver publication for farmers and stockmen, died Saturday, October 20, in Denver following a 12-day illness from a streptococcal infection. He was 62.

Mr. Wheeler was for 18 years, following graduation, connected with the animal husbandry and extension departments of Kansas State. He then joined the staff of the Kansas Farmer and was editor of that publication for eight years before going to Denver.

Listed in "Who's Who in America," Mr. Wheeler was an authority on livestock and feeding problems. He had been managing editor of the Denver publication 12 years and had conducted a weekly farm question box over radio for the past 10 years. Since 1932 he had been chairman of the Colorado advisory agricultural council.

Prof. R. J. Barnett, head of the department of horticulture and a classmate of Wheeler, says, "His influence was a power for good in Colorado agriculture, and his loss will be felt in thousands of farm homes in that state."

Another classmate, Theodore W. Morse, of the farm credit administration of Wichita, writes: "George Wheeler has made himself one of the most useful men in Colorado. His complete and sound information in farming matters and his absolute reliability were such that his friendships, once made, remained permanent."

He is survived by his widow, Kitty Myrtle (Smith) Wheeler, also of the class of '95; a son, George Wheeler; three daughters, Helen V. Parmeter, Ruth Wheeler, and Frances Bailey; three grandchildren, all of Denver; and a sister, Mary W. Wylie, of Manhattan.

LOOKING AROUND

KENNEY L. FORD

The following registered at the alumni office for homecoming: Zephierine (Towne) Shaffer, '11, and Colonel P. M. Shaffer, Des Moines, Iowa; R. M. Seder, Topeka; H. W. Alexander, f. s. '21, Louisville, Ky.; R. F. White, '21, 1328 Fremont, Manhattan; Harry Nelson, '23, Bartlesville, Okla.; L. M. Jorgenson, '07, Kansas State college; Helen Kimball, '29, Manhattan; Bernice Cousins, '31, Woodbine; Myrtle Johnson, Ermine McIlwaine, '30, Hutchinson; Richard Auer, f. s. '99, Goodland; Helen Greene, '27, Liberal; R. L. Foster, '22, and Bertha (Butler) Foster, '23, Wichita; Lois Rosencrans, '34, Goodland; Loyal J. Miller, '31, Washington; Earl E. Crocker, '30, Kansas City, Kan.; R. D. Nichols, '20, and Mrs. Nichols, Ft. Scott.

M. W. Bickford, '33, Denison; Rex M. Jennings, '33, Stockton; Russell W. Webb, '34, Topeka; C. J. Medlin, '20, Manhattan; C. O. Grandfield, '17, Manhattan; Lee T. Morgan, '34, Gardner; Esther Row, '32, Larned; Rhoda Austin, '33, Kinsley; Zella Ackenhansen, '34, Kansas City, Mo.; E. L. Barger, '29, Manhattan; Fred L. Huff, '29, Kansas City, Mo.; W. M. Posey, f. s. '06, and Dudley Posey, f. s. '26, Larned; Albert Smith, '07, St. John; Katherine Posey, '28, Larned; R. K. Dickens, '31, Kansas City, Mo.; Percy Sims, '23, Walton; Ruth L. Sims, f. s. '23, Walton; Richard Patton, f. s. '25, Walton; Ruth J. Peck, '28, Ft. Scott; Harry Coberly, '31, Hutchinson.

J. C. Davis, f. s. '18, Hutchinson; R. D. Barnhart, '32, Leoti; R. J. Barnett, '95, Manhattan; Howard L. Kipper, '32, Topeka; I. M. Atkins, '28, Denton, Tex.; F. D. McCammon, '32, Cottonwood Falls; F. R. Freeman, '32, Kirwin; L. E. Brown, '33, Fall River; J. D. Woodruff, '33, Dodge City; H. W. Allard, '32, Alma, Nebr.; Albert Pease, '32, Ness City; Helen Roberts, '28, 1220 Vattier, Manhattan; Harold L. Nonamaker, '32, and Marjorie (Dean) Nonamaker, '32, Smith Center; Kenneth Houghland, '34, Hill City; Earle Frost, '20, Kansas City, Mo.; E. A. Laude, '24, Kansas City, Mo.; A. T. Kinsley, '99, and Anna (Smith) Kinsley, '01, Kansas City, Mo.; Mame (Alexander) Boyd, '02, Phillipsburg.

Miner M. Justin, '07, West LaFayette, Ind.; C. F. Hartwig, '12, Goodland; Dorothy Mae Davis, '28, Herington; George Jelinek, '30, Ellsworth; Alice M. Melton, '98, 804 Moro, Manhattan; L. J. Blythe, White City; C. M. Correll, '00, Kansas State college; John G. Bell, '32, Hoxie; Howard Vernon, '33, Hill City; Roy E. Danielson, '32, Topeka; Alice V. Adams, '31, Leavenworth; J. Willis Jordan, '32, Americus; W. H. Spencer, '02, Yates Center; Christie C. Hepler, '26, Atwood, Ill.; S. H. Keller, '33, Lebanon; Perry Betz, '23, Glen Elder; O. E. Campbell, '28, Ellis; G. L. Ellithorpe, '32, Russell.

Nelson H. Davis, '16, Delavan; Frank Sidorfsky, '14, Oil Hill; N. M. Hutchinson, '14, Oil Hill; W. A. Browne, '28, and Marion (Keys) Browne, '17, Emporia; A. M. Butcher, '16, Tulsa, Okla.; R. W. McBurney, '27, Beloit; Oscar E. Reece, '31, and Gertrude (Swagerty) Reece, f. s. '31, Silver Lake; L. C. Aicher, '10, Hays; F. S. Burson, '34, Topeka; Esther E. Lobenstein, '31, Coldwater; H. W. Johnston, '99, Manhattan; Mary H. Clark, '32, Kansas City; Raymond Hoefener, '32, Leavenworth; G. E. Whipple, '11, Omaha, Nebr.; W. G. Speer, '11, Manhattan; Elsie (Rogler) Speer, '11, Manhattan; Virginia Speer, '34, Manhattan.

Henry Schwartz, '32, Troy; Ralph B. Bilson, f. s. '26, Eureka; Lyman E. Henley, f. s. '30, Eureka; Mabel (Wyatt) Henley, f. s. '31, Eureka; A. G. Kittell, '09, Topeka; H. R. Weller, '34, Delphos; D. D. Murphy, '22, Gardner; Sue Unruh, '22, Kansas City; J. E. Johnson, f. s. '26, Gardner; John Steiner, '24, Eudora; Harry Bird, '14, Albert; Elmer J. Bird, '14, Great Bend; Nellie Dilsaver, '31, Great Bend; Raymond A. Bell, '30, and Flossie (Sawyer) Bell, '31, McPherson; Mary E. Linton, '16, Newton; Opal M. Endsley, '27, Topeka; Bernice (Comfort) Bird, f. s. '14, Great Bend; Maud (Sjorlander) Borthwick, '18, Beeler.

Ruth (Borthwick) Hiltz, '19, Reno, Nev.; N. L. Towne, '04, Bozeman, Mont.; J. D. Buchman, '24, and Margaret (Reasoner) Buchman, '24, Paola; E. H. Walker, '22, Osawatomie;

Edward Watson, '24, and Marie (Foster) Watson, '24, Kansas City, Mo.; Don J. Borthwick, '18, Beeler; Harlan B. Towne, '13, Topeka; Harold Garver, '29, and Elizabeth (Circle) Garver, '20, Merriam; John E. Thackrey, '93, Bushton; William T. Klooz, '17, Bloomington, Ill.; Awilda (Brown) Walton, '27, and Wirt D. Walton, '28, St. Louis; T. M. Evans, '30, and Leota (Shields) Evans, f. s. '30, Iola.

T. A. Case, '12, Nickerson; E. R. McGalliard, '16, and Mrs. McGalliard, Kansas City, Mo.; Katherine Hess, '00, 601 Fremont, Manhattan; Myrtle Gungelman, '19, Kansas State college; Tessie Agan, M. S. '30, Kansas State college; Lollie Smith, M. S. '30, Wichita university, Wichita; Ada Rice, '95, Kansas State college; Stella M. Harriss, '17, Kansas State college; Margaret Justin, '09, Manhattan; J. D. Shoeman, '28, Dallas Center, Iowa; Edison F. Kubin, '09, and Emma (Lee) Kubin, '10, McPherson; A. B. Hungerford, '13, and Mrs. Hungerford, Wichita; C. H. Scholer, '14, and Mrs. Scholer, Manhattan; Louisa (Dyer) Frey, '14, Berkeley, Calif.; and Carrie Davis, '28, Winfield.

Milwaukee alumni entertained with a dinner Friday evening, October 12, at the Ambassador hotel preceding the Marquette university-Kansas State football game. Russell V. Knapp, '21, 523 East Day, Milwaukee, was chairman. M. F. Ahearn, director of athletics, gave a brief talk of special interest to alumni.

The following registered at the meeting: C. L. Zimmerman, '21, and Cora (Reissland) Zimmerman, 225 North Latrobe avenue, Chicago; A. C. DuPuy, '22, and Clara (Evans) DuPuy, '22, 806 Graham street, Racine, Wis.; Dr. R. L. Anderes, '25, 1817 Church street, Evanston, Ill.; F. E. Nordeen, '22, and Pearl (Day) Nordeen, f. s. '18, 713 Huron hill, Madison, Wis.; G. M. Glendening, '22, and Clara (Larson) Glendening, 816 North Farwell avenue, Milwaukee, Wis.; Theodore C. Potter, '25, and Lenore (Spence) Potter, f. s. '25, 4169 North Sixteenth street, Milwaukee, Wis.; H. L. Madsen, '25, 336 North Menard, Chicago; D. K. Corby, f. s. '24, 37 North Harrison street, Oak Park, Ill.; D. C. Beeler, '23, 1421 South Solon street, Chicago; Thomas E. Rodgers, '28, and Dorothy (Sheetz) Rodgers, '28, 2508 East Bellevue place, Milwaukee, Wis.; P. E. McNall, '09, and Eugenia (Fairman) McNall, '10, 734 Oneida place, Madison, Wis.; Luella (Sherman) Mortenson, '22, 2308 Kendall avenue, Madison, Wis.; W. A. Sumner, '14, agriculture hall, University of Wisconsin, Madison; Kenneth Gopen, '30, agriculture hall, University of Wisconsin, Madison; Kenneth Davis, '34, 117 North Randa, Madison; and Wilbur C. McDaniel, '32, 117 North Randall, Madison, Wis.

One hundred fifteen persons attended the alumni homecoming luncheon at the college cafeteria October 20. There were no speeches. Prominent guests introduced by Dr. W. E. Grimes included Chancellor and Mrs. E. H. Lindley, President and Mrs. F. D. Farrell, and these members of the state board of regents: Oscar Stauffer, Arkansas City; Leslie Wallace, Larned; Drew McLaughlin and Mrs. McLaughlin, Paola; Fred M. Harris and Mrs. Harris, Ottawa; and Dudley Doolittle and Mrs. Doolittle, Strong City. Roland Boynton and Chester Woodward, members of the board of directors of the Kansas university alumni association, Mrs. Woodward, and Fred Ellsworth, secretary of Kansas university alumni association, also were present.

These members of the board of directors of the Kansas State alumni association also attended: Dr. and Mrs. A. T. Kinsley, '99, Kansas City; Herman Avery, '91, Wakefield; Mrs. F. W. Boyd, '02, Phillipsburg; Dean R. A. Seaton, '04, Manhattan, and Mrs. Seaton; Prof. A. P. Davidson, '14, Manhattan; Prof. L. C. Williams, '12, Manhattan, and Dr. and Mrs. W. E. Grimes, '13.

Luncheon for L. A. Women

There will be a bridge luncheon for Kansas State college women at Miss Mallard's tea room, 2200 West Seventh street, Los Angeles, November 17 at 12:15. Reservations should be made by November 14 with Ruth Whearty, 5723 North Huntington drive, Los Angeles; telephone Capital 9576.

Dr. Philip Immenschuh, '14, is a veterinarian in San Diego, Calif. His address is 5873 El Cajon avenue.

RECENT HAPPENINGS ON THE HILL

"Do You Know," a new column that has just started in the Collegian, last week stated that in 1880 a public plowing match was part of the commencement exercises.

Bit and Bridle club members met Saturday afternoon for their first organized ride. The excursion was in charge of Ruby Wilson, Council Grove, and Frances Aicher, Hays.

Three hundred and forty underclassmen have made appointments to have their pictures made for the Royal Purple class and fraternal sections. This shows a substantial increase over the number at this time last year.

Several dairy and livestock judging teams stopped here enroute to the American Royal, to practice judging the college dairy herd: those of Santa Rosa, Calif., high school, Colorado Agricultural college, Rexburg, Idaho, among them.

Twelve foreign students in school here were guests of members of Wesley foundation, Methodist student organization, at a dinner Saturday evening. Bishop C. L. Mead, who addressed the gathering, spoke on bringing the foreign and native students closer together.

An orchard provides ways and means for Wilbur Lehman, Wathena, senior in agriculture, to attend school. From his orchard in Doniphan county, Lehman recently brought several truck loads of apples, pears, and grapes to Manhattan and surrounding towns to sell.

Each fraternity and sorority at Kansas State will soon have an opportunity to run the Dickinson theater for one night, according to an announcement made by Frank Whitman, manager. Two members of a chapter will be ushers, two will be "lobbywalkers," one a doorman on the Thursday night when that house reigns. The houses will be chosen alphabetically.

Paddle lines surrounding the campus, groups of students rushing through the halls shouting that classes were excused, cars overflowing with passengers as they sped through the streets, a street dance on Laramie street, and bedlam everywhere. Such was the scene Monday morning as Kansas State students celebrated the football victory over the University of Kansas.

Prix, honorary society for junior women, announced their newly elected members at the annual Mortar Board Halloween dinner. This is the first time in the history of the college the membership has not been kept secret until spring. Another important feature of the dinner was the presentation of the freshman plaque to the girl receiving the highest average in last year's freshman class.

Thirty-two students were chosen from a group of 65 to take part in intercollegiate debate this year. Prof. H. B. Summers, coach of the squad, will have 12 members from last year on his squad. Those who are entering their fourth year of debate work are: Alice Droz, Humboldt; Ned Kimball and Charles C. Moore, Manhattan. Third year members are: Dean McNeal, Boyle, and James York, Vinland.

WILLIAM H. PHIPPS INJURED IN AN AUTOMOBILE ACCIDENT

Member of Class of '95 an Authority in Dairying Field

Dr. William H. Phipps, '95, was seriously injured in an automobile accident near Jefferson, Ohio, October 18, while driving from Cleveland where he had attended a dairy convention. He was taken to a hospital in Ashtabula, Ohio.

After his graduation Doctor Phipps became head of food inspection in Kansas City, Mo. He has been recognized for 30 years as an authority in dairy equipment and dairy management. He was still engaged in this work, which included making surveys, supervising equipment improvements, and establishing merchandising systems for dairy owners, when the accident occurred.

TULSA HURRICANE STRIKES THROUGH THE AIR TO WIN

HENDERSON'S TEAM GETS REVENGE FOR FOUR WALDORF VICTORIES

Two Tulsa Passes and Blocked Punt Contribute to 21 to 0 Defeat Handed the Wildcats—Second Half Comeback Fails

BY H. W. DAVIS

The Kansas State Wildcats took a lacing down at Tulsa last Saturday afternoon when the sturdy, elusive Hurricanes coached by "Gloomy Gus" Henderson got revenge on Lynn Waldorf for four defeats he has handed them in the past five years. The score was 21-0, and 12,000 homecoming fans saw it piled up.

COMEBACK FAILS

The second-half comeback of the Wildcats, demonstrated tellingly in the previous four games of the season, merely appeared. It never materialized. The Waldorf machine still suffered from the fumbling malady that has put it on the spot so many times this season. And the Kansas Staters still show a tendency to be caught flat and taken by surprise.

The Hurricanes were ever on the jump. Five minutes after play had started Berry passed 10 yards to Dugger who ran 44 yards to a touchdown. In the second period Dugger snagged another forward from Berry to set the stage for the second touchdown. After this play had backed the Wildcats to their own goal line, Dugger broke through and blocked a Stoner punt. Tulsa recovered on the Kansas State three-yard line. On the second play Dennis went over for the second touchdown. Kansas State received the kickoff and started a scoring drive of three consecutive first downs which was cut short when the half ended.

In the first offensive play of the third quarter, Berry took Stoner's punt on his own 45-yard marker and twisted his way through the entire Wildcat team for the third touchdown. Each time the additional point was tacked on.

That's how it all happened.

FUMBLE COSTLY

The Wildcats seemed to rally after all that. Once Ayers placed a punt in the "coffin" corner just four yards from Tulsa's goal line. The reply punt by Dennis got caught in the wind and the ball went out on the Hurricane 15-yard line. It was a Wildcat chance. But a fumble lost 9 yards, and three plays later Tulsa took the ball on downs.

The lineup and summary:

Tulsa	Pos.	Kansas State
Kilpatrick	LE	Churchill
Dugger	RE	Hays
Kennon	LT	Maddox
Chapman	RT	Flentrop
Cooper	LG	Partner
Collins	RG	Cardarelli
Prochaska (c-c)	C	Griffing
Estel	QB	Armstrong
Wickersham	LH	R. Kirk
Berry (c-c)	RH	Stoner
Dennis	FB	Elder

Officials: Referee—E. C. Quigley (St. Mary's of Kansas). Umpire—Joe Ramp (Texas A. and M.). Head linesman—Earl Jones (Arkansas).

Score by periods:

Kansas State	0	0	0	0	0
Tulsa	7	7	7	0	21

Substitutions—Tulsa: Stalls for Chapman, DeMier for Cooper, Larson for Kilpatrick, Hutchinson for Collins, LaFollette for Estel, Bill Dennis for Dugger, Harmon for Prochaska, Gilbert for Kennon, Chapman for Stalls, Enoch for Berry, Parker for Bill Dennis, Delker for Tack Dennis, Clark for Enoch, Lassiter for Gilbert, McLane for Wickersham, Stice for DeMier, Burris for Larson. Kansas State: Ayers for Armstrong, Fanning for Flentrop, Sundgren for Cardarelli, Warren for Elder, Holland for Partner, Burns for Churchill, Wassberg for Griffing, Freeland for Hays, Elder for Warren, Armstrong for Ayers, R. Kirk for Elder, Hays for Freeland, Parker for Holland, Flentrop for Fanning, H. Kirk for Stoner, Nelson for Maddox, Lang for R. Kirk, Ayers for Armstrong, Stoner for H. Kirk, Lander for Ayers.

First downs—Tulsa 13 (1 from penalty), Kansas State 8 (2 from penalty). Yards gained rushing: Tulsa 187, Kansas State 132. Yards lost rushing: Tulsa 30, Kansas State 36. Passes: Tulsa completed 4 of 10 for 102 yards, with 2 intercepted. Kansas State completed 2 of 7 for 32 yards, with 3 intercepted. Punts: Tulsa kicked 7 times, totaling 271 and averaging 39 yards. Kansas State kicked 11 times, totaling 378 and averaging 34½ yards. Punt returns: Tulsa returned 4 for 108 yards. Kansas State returned 3 for 21 yards. Kick-offs: Tulsa kicked 5 for 254 yards, averaging 50.8 yards. Kansas State, none. Kick-offs returned: Tulsa none. Kansas State returned 3 for 47 yards. Penalties: Tulsa 6 for 40 yards, Kansas State 4 for 20. Fumbles: Tulsa fumbled 1 and recovered 1, Kansas State fumbled 6 and recovered 5. Yards returned from intercepted passes: Tulsa 2 for 49 yards, Kansas State 1 for 3 yards. Scoring: For Tulsa, touchdowns by Dugger, Dennis, and Berry. Three placements for extra points by Dennis.

Indians the Last To Win

The last Kansas team other than Kansas university to win a football game from Kansas State college was

the Haskell Indians, and the game was 15 years ago this fall, a recent check of the Kansas State records reveals. Haskell won in 1919, the score 7 to 3. In 1920 both Washburn and the Emporia Teachers tied Kansas State, but since then the Wildcat victory record has been unbroken over all state teams except K. U., with College of Emporia, Washburn, Emporia Teachers, Pittsburg Teachers, Wichita university, Bethany, and Fort Hays, among the opponents—some of them several times in the period.

SIGMA XI ELECTS OFFICERS, EXTENDS AID FOR RESEARCH

Dr. D. C. Warren Named President of Honorary Group Which Encourages Research in Science

Sigma Xi, Kansas State college chapter of an honorary organization which recognizes and encourages high grade research in all branches of science, held its regular fall meeting recently and elected Dr. D. C. Warren, professor of poultry husbandry, president. Other officers elected were: vice-president, Prof. R. J. Barnett; secretary, Dr. Roger C. Smith; treasurer, Dr. J. L. Hall; executive committee members, Dr. J. H. Parker and Dr. L. D. Bushnell; membership committee, Dr. E. C. Miller, Dr. H. H. King, and Dr. Martha Kramer.

Awards of from \$100 to \$200 have been given to members to aid them in defraying expenses of research studies, and one or more faculty members of the chapter probably will apply for one of the Sigma Xi research awards for carrying on research projects, it was announced following the meeting.

Recognition for Sigma Xi is made primarily by election to membership or associate membership. Associates are elected primarily from the graduate student group. They have all the privileges of membership except voting power, and wear a slightly different key. Election to Sigma Xi is one of the highest honors which can come to a scientific investigator.

The local chapter brings one or more noted research scientists to the campus for lectures each year. The matter of offering a cash award as a prize for the best piece of research work completed by a graduate student has been referred to the executive committee for consideration. A cash award probably will be made this year. If so, the details will be announced as early as possible to allow all graduate students to compete for it, according to the newly elected officers.

Sigma Xi was founded at Cornell university in 1886. There are 64 active chapters in leading institutions of the United States and 32 Sigma Xi clubs which have not been admitted to national membership.

The local chapter was organized as a club in 1923 and accepted for national membership in 1928 with 57 charter members, all of whom had been elected to membership at other institutions. The local chapter now has 87 members, 16 associates and 6 alumni members.

PLANT BREEDING IS SUBJECT OF SCIENCE CLUB SPEAKER

Methods of Developing Plants Which Resist Disease Explained

Plant breeding was described as a gamble by Dr. H. K. Hayes, chief of the division of agronomy and plant genetics, University of Minnesota, at the Science club meeting in Calvin hall Monday night. His subject was "The Role of Plant Breeding in Crop Improvement."

The speaker discussed the methods of breeding flax, oats, muskmelons, corn, and wheat to secure plants that resist disease and are uniform.

"A breeder of plants must use common sense. He must know the fundamental principles of how to handle crops and then use the genetic principle of breeding," Doctor Hayes declared.

"One should first select the individual plant from the mass. Selection of parents is the most important fact," Doctor Hayes emphasized.

"Then by experimenting with the methods of breeding, whether cross, double cross, back cross, double back cross, or the three way cross, the desired plant may be obtained. We want stability in production."

Doctor Hayes told his audience of 60 persons that the plant breeder of tomorrow has important work to accomplish for the world.

OLDEST RIVALRY WILL BE RESUMED SATURDAY NIGHT

KANSAS STATE FIRST MET WASHBURN 37 YEARS AGO

Ichabods Took First Eight Games but Have Not Won in 20 Years—Kansas State Holds 13 to 9 All-Time Advantage

Thirty-seven years of football rivalry between Kansas State and Washburn college will be resumed Saturday night when the Wildcats and Blues meet in Topeka. The Washburn rivalry is the oldest on the Kansas State schedule, outdating that with Kansas university by five years.

It was in 1897 that a Washburn team first met a Kansas Aggie team, and the Washburn eleven won that first game 4 to 0. In fact Washburn won all eight games played between 1897 and 1907. Washburn even defeated the Kansas State team of 1906, which won from Kansas university, by a 5 to 4 score.

In those early days the Washburn triumphs were most decisive, scores such as 36 to 0, 24 to 0, 34 to 0, and 56 to 0 being run up.

In 1908 Kansas State achieved its first victory over the "Ichabods" and since then Washburn has been able to score only one victory and two ties. In 1913 Washburn tied Kansas State 6 to 6 and in 1914 won 26 to 16. The great 1920 team tied Kansas State 0 to 0 but was unable to win. Thus the 1934 game will give Washburn a chance to achieve its first victory in an even 20 years.

St. Mary's college met Kansas State a year before the Wildcats first played Washburn, but as St. Mary's has become a seminary the Washburn team remains the oldest intercollegiate rivalry on the list at Manhattan.

K. S. C. GRAD WILL ADDRESS FORUM ON 'TERRIBLE TURK'

Doctor Balch Tells Noon Group about Prohibition

Dr. William M. Balch, professor of sociology at Baker university, spoke this noon in Thompson hall on prohibition.

"The Terrible Turk" will be the subject of next Wednesday's noon forum; the speaker, Raymond Francis White, '21, who is doing graduate work here this year. Mr. White is head of the agricultural department of International college, Izmir, Turkey. His wife, who is a Washburn graduate, also is taking graduate work on the Kansas State campus, and their small daughter is in the college nursery school.

Football Schedule, 1934

Sept. 29—Kansas State 13, Fort Hays State 0.
Oct. 6—Kansas State 13, Manhattan college, N. Y., 13 (tie).
Oct. 12—Kansas State 20, Marquette university 27.
Oct. 20—Kansas State 13, University of Kansas 0 (Homecoming).
Oct. 27—Kansas State 0, Tulsa university 21.
Nov. 3—Washburn college at Topeka.
Nov. 10—Missouri university (Parents' day) at Manhattan.
Nov. 17—Oklahoma university at Norman.
Nov. 24—Iowa State at Manhattan.
Nov. 29—Nebraska university at Lincoln.

PROGRESS OF KANSAS PRESS F. E. C.

D. C. Waterman has sold the Wathena Times to Horace Hogan.

M. L. Post, who has published the Woodson County Post at Neosho Falls for many years, recently moved his plant to Yates Center.

The Baxter Springs Citizen, published by H. E. Holden, printed a special edition coincident with the visit in Baxter Springs of Governor Alf Landon and his party.

Harold Stodard of the Burlington Enterprise-Chronicle recently changed from tabloid size back to a seven-column eight-page paper with several ready-print features.

L. C. Spence, former editor of the Cawker City Ledger, will devote his time to publishing the Osborne Journal since the recent fire which de-

ENOUGH KANSAS STATE JOURNALISM GRADS IN WASHINGTON TO MAKE FOOTBALL TEAM

BY C. E. ROGERS

The writer of this article is on leave of absence from the headship of the department of industrial journalism of Kansas State college. He is an alumnus of Kansas State (M. S. '26) and, as the article hints, a letterman in football at Oklahoma university.—Ed.

The Washington corps of Kansas State journalism grads is enough to make a football team or a brain trust. We are eleven, not counting the step-sons and the irregulars. With these the count is 14.

Two-thirds of the lot of us are concentrated in the office of information of the United States department of agriculture and the division of information of the agricultural adjustment administration. These two offices, which are functionally almost identical though organically different, account for eight of us—four in the U. S. D. A., four in AAA.

Here is the complete roll. Two of the list are really football lettermen, though nobody has yet nominated any as brain trusters.

MANY GRADS IN CAPITAL

This is a list of Kansas State college journalism grads only. Washington is the home of a long list of other graduates of the college. The roll doesn't include the ags, the home ecs, the engineers, and the others, but only the Aggie fourth estaters. They are:

Milton Eisenhower, '24, director of information, U. S. D. A.
Vernon Bundy, '20, assistant director of information, AAA.
Morse Salisbury, '24, chief of radio, U. S. D. A.
Alan Dailey, '24, radio extension specialist and radio writer, U. S. D. A.
Josephine Hemphill, '24, radio writer, AAA.
W. K. Charles, '20, writer in press section, U. S. D. A.
John Bird, '32, writer in press section, AAA.
Bernard Harter, '25, sports editor of the Washington Herald.
Wellington Brink, '16, assistant director, American Red Cross.
Lenore Berry Bennett, '24, free lance writer.
C. E. Rogers, M. S. '26, writer in the field information section, AAA.

The list could be extended if we included a few irregulars and step-sons, part time journalists, part time Aggies, and part time Washingtonians:

Cliff Stratton, '11, Washington correspondent for the Topeka Daily Capital.
John Bennett, Cornell grad, who used to be Kansas State college extension editor, now in the program planning section, AAA.
Walter Burr, '20, who used to write as much as he taught, a member of Quill club at Kansas State, now associate director of the National Re-employment service, department of labor.

Don't be confused by the variety of titles of those of us who work in the office and the division of information. In reality, all of us do some writing and some editing. A few—Milton Eisenhower, Vernon Bundy, and Morse Salisbury in particular—do a lot of administrative work.

Milton's job is more administrative and executive than anything else, though he is called upon to do a considerable amount of editing, some research for the secretary of agriculture, and some teaching in the U. S. D. A. school. He and Morse Salisbury are co-teachers in a course which corresponds roughly with the Kansas State college journalism course in industrial feature writing.

The office of information, which Milton heads, contains three sections—press, radio, and publications. The entire personnel of the office includes 21 editorial workers and 141 other employees.

stroyed the Cawker City plant.

The Neodesha Daily Sun has started a series of questions and answers relative to Kansas history, resources, and points of interest. Chester C. Bunker is manager of the paper.

The Cherryvale Republican carries a public forum column in its paper. All contributions to the column must be signed and must deal with a subject of general interest. Will R. Burge is editor of the Republican.

A deal has been completed whereby Charles Wright becomes editor and publisher of the Tipton Times, now owned by Harold Dwyer. He will take charge November 1. For the past three years he has been linotype operator on the Cawker City Ledger.

Vernon Bundy's job is like that of an executive officer of a ship, the first vice-president of a corporation, the personnel officer of an army division. The most common answer to questions heard in the Washington offices of the agricultural adjustment administration is, "Ask Bundy." Vernon has been with the "Three A's" almost from the very start of the organization, and I doubt if anybody in Washington or elsewhere knows more about its composition, its pattern, its policies, and its function. He was in the publications section of the office of information when the three A's started. Milton lent him to the new organization and there he stayed.

THEY RUN THE RADIO

Morse Salisbury has a staff of eight workers who supply a steady flow of AAA copy and U. S. D. A. agricultural and home economics news and comment to several hundred broadcasting outlets. Morse himself writes an amazing mass of it, plans and edits all of it, and performs personally five days a week—12:30 to 1:30 eastern standard time—as an announcer for the Farm and Home hour on the N. B. C. network.

Alan Dailey and Josephine Hemphill are in Morse's section. Most of the work is writing, though Alan is on the road some, visiting colleges and radio stations which cooperate with the radio section. Until recently Jo was writing Consumers' counsel copy, but is now doing home economics writing.

Kamp Charles—parenthetically, nearly everybody calls him "Casey" because his initials are K. C., though his full name, believe it or not, is William Kamp Charles—and John Bird are writers of spot news, the former in U. S. D. A., the latter in AAA.

The other government workers of the Kansas State college list of fourth estaters is myself. My job is writing circulars, speeches, and articles for AAA.

A FEW 'INDEPENDENTS'

Besides the government editorial workers, the Washington corps includes a sports editor, a writer of Red Cross publicity, and a free lance. They are Bernard "Fat" Harter, Wellington Brink, and Lenore Bennett. "Fat" is that star Aggie center who played on the Bachman-coached team which for three successive years was undefeated by K. U. The former athlete as sports editor of the Washington Herald is one of the coming young men in the Hearst organization.

Wellington Brink's title of assistant director of Red Cross is deceiving. His work is that of publicity director. Before Wellington came to Washington he was in newspaper work in the southwest. A few old timers in Manhattan will recall him as the son of Professor Brink, for many years head of the department of English.

Lenore Berry Bennett has found time from her regular job of home making to do free lance writing, much of it preparing radio copy. Her husband—step-son of K. S. C.—is an economist in the AAA.

Cliff Stratton is our irregular member, as he is a resident of Washington only when congress is in session. He could have been in the AAA division of information which would have made him a regular, but he decided against making the change.

Walter Burr is no longer in the fourth estate, though he is one of our bright young men and at heart a newspaper man. I think he will be glad to be included in our company.

VICTOR CHRISTGAU OF AAA IS THE ASSEMBLY SPEAKER

'Problems in Federal Law Making' the Subject of Young Leader

Victor Christgau, assistant administrator in the agricultural adjustment administration, is scheduled to speak in assembly Friday at 10 o'clock on "Problems in Federal Law Making."

"He is one of the outstanding younger men in national affairs and is recognized as a leader in agricultural economics," according to Prof. H. W. Davis, chairman of the committee on public exercises.

The assistant administrator also will address the joint meeting of the annual extension conference and the Kansas farm bureau at the college auditorium November 1.

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ENROLMENT INCREASE IS DUE TO FEDERAL RELIEF

QUESTIONNAIRE BRINGS OUT REASON FOR MORE STUDENTS

One-third of Freshmen Say AAA and Other Federal Aid Programs Make It Possible for Them to Attend College This Fall

Agricultural adjustment contract payments and other federal aid programs are making it possible for one-third of the freshmen at Kansas State college to attend school this year, a recent survey of 992 of the 1,070 freshman students revealed. Seventy-eight freshmen enrolled after the survey was made.

Slightly more than 18 per cent of the members of the class who were questioned indicated they are dependent in part on corn-hog contract checks. Twelve students say the corn-hog program is entirely responsible for their college attendance.

Questionnaires were filled out by freshmen when they took adaptation tests required of all first year students. The survey was conducted by a student in the journalism department to find the reason behind the marked increase in enrolment this fall. Records of Miss Jessie McDowell Machir, registrar, now show a total enrolment of 2,732 as compared to 2,306 at the corresponding time a year ago, an increase of 18.5 per cent. The freshman class enrolment of 1,070 is 360 greater than last year.

MANY MEASURES CHECKED

Although the corn-hog project seemed most important in aiding students, other AAA relief measures were checked as playing a part. Wheat allotment money was saved by 6.1 per cent of them to enter college. Emergency cattle buying by the government accounted for the presence of only 12. The questionnaire answers also indicated that less than half the first year students are directly dependent on the farm.

Nearly 150 said they were being aided through funds received from government programs other than the AAA. Those mentioned were the CSEP, CWA, CCC, NRA, and FERA. Most of the students are working on the College Student Employment Project on the campus.

WILL NEED MORE AID

Although not requested, many comments were written on the questionnaires. A few said they had funds sufficient only to help them the fall semester and that more aid would be necessary to enable them to continue.

Several from western counties indicated the higher prices received for wheat as the sole reason for their attendance. "A fairly good alfalfa crop and lots of corn-fodder" was the reason advanced by one who lives in the grass country in Linn county.

In answer to a question to determine whether the farm is in any way helping to support the student, one boy explained, "It should be, but it doesn't. I had to borrow."

A HINDRANCE TO ONE

A note against government programs was struck by a student who said federal relief measures made it almost impossible for him to attend school. The reason given was that government programs caused higher prices and that his father, a civil service employee, received a cut in wages.

Federal programs were given credit by several for an increased volume of business. Others saved enough to enter school through employment on various projects. Some worked as stenographers in the offices of the county committees, others as supervisors in the checkup of compliance with the corn-hog and wheat contracts.

GEORGIANA AVERY, VAN ZILE HALL, BARNWARMER QUEEN

Sophomore from Coldwater Honored by 'Ags' and 'Vets'

Georgiana Avery of Coldwater, a representative of Van Zile hall, was crowned Ag Barnwarmer queen at the annual party for agricultural and veterinary students in Nichols gym-

nasium October 26. Miss Avery was chosen from five candidates by those who attended the party. She is a sophomore in home economics and art. The crown of red roses was presented by Mrs. W. E. Grimes, wife of the acting dean of the division of agriculture. Princesses were Janet Samuel and Maxine Huse, Manhattan; Lorraine Todd, Gridley; and Corinne Sinclair, Jetmore, the other candidates.

Soon after the coronation shouts went up from the west door and swarms of denim-clad farm boys and white-clad veterinarians forsook their dates to meet the engineers crowding about the door in the traditional attempt to break up the Barnwarmer. Two engineers were captured and dragged into the gymnasium where they were given as many whacks as there were paddles which could reach them. The invasion of the engineers was successfully repelled.

'ANTI-PROHIBITION FORCES SHOW FAULTY REASONING'

Doctor Balch Points Out Gains under Prohibition—Anti-Social Results of Repeal

The fallacious reasoning of anti-prohibition people was pointed out in noon forum by Dr. William M. Balch, head of the history department at Baker university.

That prohibition should be repealed because it has not been enforced everywhere, he said, is ridiculous. It is like saying we won't take anything if we can't have everything. He spoke at some length of the social gains even under partial enforcement. Demand for milk and milk products increased 50 per cent, he said, and that meant a need for 74 million more bushels of grain to feed the added cows. He quoted Jane Addams as reporting markedly fewer charity demands and a higher standard of living among workers in Chicago under prohibition.

The second spurious argument, he said, is that liquor interests are important sources of revenue, big tax payers. "Booze never will be a tax payer. Or rather it is the kind of tax collector who holds back 80 cents out of every dollar he collects from the people."

"Prohibition is a part of the depression psychology. The public repeated it in an unstable mood resulting from the depression, under pressure of a great flood of wet propaganda, paid for chiefly by seven millionaires, three of whom are of one family." He quoted statistics to show the increase in bootlegging of liquor, in American drink habits, in drunken driving, in crimes against women since repeal, and quoted men prominent in politics as being disappointed in the results of repeal.

He concluded with an exhortation to his audience to fight for prohibition and not brand themselves "a generation of quitters."

KANSAS STATE FACULTY ON THE TEACHERS' PROGRAM

Address Groups in Hutchinson, Kansas City, Salina, Topeka

Many Kansas State faculty members were on the programs of the Kansas State Teachers' association meetings which were held in various parts of the state last Thursday, Friday, and Saturday.

J. O. Faulkner, C. V. Williams, Alpha C. Latzke, Dean R. W. Babcock, L. P. Washburn, Lorraine Maytum, Dr. R. C. Hill, I. V. Iles, L. H. Limper, Dorothy B. Pettis, and Dr. W. E. Grimes were on the program at the meeting in Topeka. Dr. George E. Johnson, Lucile O. Rust, Janet Wood, and Dr. J. S. Hughes spoke in Salina.

Dean Margaret Justin and Dr. J. C. Peterson attended the meeting in the Kansas City division. Assistant Dean Margaret Ahlborn and Miss Sue Townsend went to Hutchinson where Miss Ahlborn addressed the home economics group and Miss Townsend spoke at the modern languages round table. Miss Townsend also spoke at an alumni banquet.

FARMERS AND STOCKMEN TO STUDY FEEDING HERE

MEETING ON CAMPUS NOVEMBER 17 TO MEET DEMAND

Will See Cattle at Experiment Station on 'Deferred System of Full Feeding'—Timely Talks by Federal, State, and College Men

To carry more information to Kansas feeders on emergency rations and to meet a popular demand of stockmen to see the cattle fed at the experiment station, the department of animal husbandry of Kansas State college has announced a meeting for farmers and cattlemen at the college Saturday, November 17.

In years past, said Dr. C. W. McCampbell, head of the department, the college cattle fed on the "Kansas deferred system of full feeding" went to market in November. The annual cattlemen's meeting at the college always was held the last Saturday in May. Visitors then heard results of feeding experiments but could not view the finished cattle. The special meeting here on November 17 is planned, partly, to overcome this difficulty.

CONSIDER CATTLE SITUATION

The forenoon program will be devoted to discussion of the recent cattle buying program, the meat canning program, the present cattle situation, and emergency cattle feeding rations, these topics to be discussed by federal, state, and college men.

The afternoon program will be devoted to discussion of the government's feed distribution program and the above-mentioned deferred system of full feeding in which grass is utilized in fattening young cattle. "The system," McCampbell explained, "enables one to utilize considerable roughage, such as silage, fodder, and grass, and produces a maximum of gain with a minimum of grain. A practical Kansas cattleman will tell of his experience in using this method."

The detailed program:

MORNING, 10 O'CLOCK
Presiding—James Tod of Maplehill, president, Kansas Livestock association.
Drouth Cattle Purchase in Kansas, J. J. Moxley, college.
The Kansas Emergency Relief Committee's Livestock Activities in Kansas, V. L. Morrison, Topeka.
The Cattle Situation, J. H. Mercer, secretary, Kansas Livestock association.
Emergency Cattle Feeding Rations, A. D. Weber, college.

AFTERNOON, 1 O'CLOCK
The Feed Situation, E. O. Pollock, Kansas City, Mo., marketing specialist, bureau of agricultural economics.
Reporting Ten Years' Experimentation in Utilizing Grass in Fattening Young Cattle for Market, C. W. McCampbell, college.
My Experience in Utilizing Grass in Fattening Young Cattle for Market, Ralph R. Geiler, Burns.
Question Box, C. W. McCampbell and others.

FARM PROBLEM ECONOMIC AND SOCIAL, LANDON SAYS

Governor Urges Extension Workers Not to Lose Sight of Long Time Program in Talk Here

Governor Alf M. Landon, addressing a conference of extension workers and farm bureau representatives of the state here Thursday in the college auditorium, said the great farm problem today was primarily an economic and social one.

"Any program which successfully helps to overcome the farmer's present economic situation should receive paramount consideration," he said in praising the extension workers for their service in administering the federal emergency relief program for farmers and stockmen.

"However, do not lose sight of your value to our state in the development of farm homes and education along the line of better farm management, for preparing and planning a sound permanent policy in the end probably will do as much as any other thing toward solving the problems of agriculture," the governor declared.

Far-sightedness of President F. D. Farrell of the college was praised by the governor. As an instance he mentioned federal legislation which was worded originally that Kansas would

not have been eligible for benefits. The president called it to the attention of the governor who, in turn, pointed it out to a Kansas senator. The change was made before the bill passed and 30 lakes have been built in Kansas in the last 20 months as a result, the governor declared.

Governor Landon told the conference that not many years ago the chief function of agricultural experiment stations and extension forces working among farmers was "to make two blades of grass grow where one grew before."

"Today, our greatest farm problems are not those of production, but primarily of farm economics, farm management, and the social aspects of farm life. Now we are attempting to develop and perfect our marketing and distribution of farm products probably even more zealously than we recently attempted to develop our production."

J. B. FITCH TO HEAD DAIRY DEPARTMENT AT MINNESOTA

Member of Kansas State Faculty 24 Years and a National Authority to Leave First of Year

Prof. J. B. Fitch, who has been appointed head of the dairy division, college of agriculture, at the University of Minnesota, resigned as dairy department head at Kansas State college Saturday. He expects to take over his new duties in January.

Professor Fitch has been head of the dairy department for 16 years and a member of the faculty 24 years.

In commenting on his resignation, Dr. W. E. Grimes, acting dean of the division of agriculture, said: "The work done by Professor Fitch has been recognized as outstanding among dairymen all over the United States and in many foreign countries; the division of agriculture and Kansas will lose one of its most valuable men when he leaves."

Professor Fitch received his bachelor of science degree in dairying from Purdue university in 1910. The same year he became an assistant in the Kansas State college creamery. He was placed in charge of the dairy herd the next year.

In 1927 he was made president of the American Dairy Science association after serving four years as secretary.

He attended the world dairy congress in London in 1928 as the official United States delegate, and spent three months in the dairy countries of Europe at that time. The same year he became a member of the permanent committee on cattle classification for the Holstein-Friesian association, and three years later was appointed a member of the permanent committee of the American Jersey Cattle club for herd classification.

He was regional consultant for the dairy section of the AAA for several months last year and annually is sought as a judge for major dairy shows of the country.

Lectures on Nelson Gallery

Philip Beam, assistant director of the Nelson Art gallery in Kansas City, gave an illustrated lecture on "Outstanding Masterpieces of the Nelson Art Gallery" Tuesday night in the college auditorium. This lecture was in the nature of a guide to those who plan to visit the gallery and to refresh memories of those who have been there. Mr. Beam was brought here by the Manhattan branch of the American Association of University Women under the direction of the education committee.

Advanced Military for 146

Despite considerable agitation last year and during summer school and fall enrolment by peace club members, 146 students have elected to take advanced military training at Kansas State college this year. Last year there were 151 students enrolled in advanced military training. The drill fields were occupied by 592 basic military training students last year as compared to a total of more than 600 this year.

ADJUSTMENT EMPHASIZED BY EXTENSION SPEAKERS

LOCAL, STATE, AND NATIONAL LEADERS MEET IN MANHATTAN

'Agriculture of the Old Order Will Have to Learn to Live with New Order,' Farm Bureau Delegates and Agents Are Told

Local, state, and national farm leaders met in Manhattan last week for the annual agricultural extension workers' conference and the farm bureau meeting for the state of Kansas. Extension workers representing all but a few of the counties of the state met on the college campus from Monday to Friday while members of the state farm bureau met Wednesday, Thursday, and Friday.

Agricultural adjustment had a prominent place on the program of the extension workers, although throughout the conference speakers urged the importance of preserving the fundamentals of the long-time program of extension work.

"Agriculture of the old order will have to learn to live with that of the new order—the new deal," was the gist of what most of the principal speakers—President F. D. Farrell of the college; H. Umberger, dean of extension; Victor Christgau, assistant administrator of the AAA; O. O. Wolf, state farm bureau president; Governor Alf M. Landon; Ed O'Neal, national farm bureau president; C. W. Warburton, federal extension chief, and others, had to say.

George E. Farrell, chief of the AAA wheat section, told extension workers that the AAA is not a form of relief but a means of enabling the farmer to put his house in order. Umberger and Warburton emphasized that efficiency in farming always will be a vital part of the extension program, but that much attention would need to be given to phases of the AAA program. Doctor Wolf upheld the processing tax as applied in the national farm program.

'ASHAMED OF CORN-HOG VOTE'

The national farm bureau head, E. A. O'Neal, told a joint meeting of extension workers and farm bureau members that they would "have been in a hell of a shape without the agricultural act. You don't want to go back to the old situation when there is no market for what you raise." He said he was ashamed of the recent corn-hog vote in Kansas—which was negative on the AAA aid for 1934-35.

Christgau pointed to the facility of the agricultural act during the last summer when extreme drought made hasty changes in the program essential, when it was called upon "to demonstrate extreme flexibility." Defending the AAA against the criticism of slowness of operation, Christgau said, "The course of democracy is not an emergency speedway. It is better adapted to plodding sureness."

Speakers throughout the week stressed the soundness and permanence of the AAA philosophy and program, reminding the extension agents that adjustment measures could live in the same house with the original extension program.

THREE GROUPS ELECT OFFICERS

The farm bureau delegates adopted resolutions commending the federal farm program. They favored continuing the production control program, simplifying it and placing more jurisdiction in the hands of local producers favorable to it, "thus rendering it more effective and less expensive."

Officers of the state farm bureau, elected at the closing sessions, were Dr. O. O. Wolf, Ottawa, unanimously re-elected president; C. G. Steele, Waterville, elected vice-president.

New officers of the Kansas County Agent association, elected during the conference, were J. D. Montague, Sedgewick county, president; Joe Goodwin, Lyon, vice-president; D. Z. McCormick, Morris, secretary-treasurer. The Kansas Home Demonstration Agent association elected Ruth Peck, Bourbon, president; Ethyl Danielson, Barton, first vice-president; Ruth Crawford, Harper, second vice-president; Ruth Huff, Pratt, secretary-treasurer.

Rivers Heads Gargoy Club

Howard Rivers, Hutchinson, is the new president of the Gargoyle club.

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WEDNESDAY, NOVEMBER 7, 1934

LIKE ANTAEUS OF OLD

Five years in low gear, following some six or eight in intermediate, have apparently left in Kansas farmers and their wives no trace of hopelessness or cynicism. The men and women who were in Manhattan last week for the annual sessions of the state farm bureau were energetic, cheerful, deeply and intelligently interested in national as well as in local affairs.

"Why, I'd expected the women would look discouraged, shabby, run-down-at-the-heel, after all I'd heard of the drought climaxing their troubles and of the farmers having to pay for purchases in their limited produce because of lack of money," confessed one graduate student who attended some of the campus meetings. "But these women are nicely dressed. Their clothes may be made over—I don't know—but they look downright stylish!"

And when a woman looks neat and well groomed, with a touch of style, you can depend upon it she hasn't lost her grip upon life, that no matter what her difficulties, she isn't beaten.

The co-ed's comment emphasizes the accuracy of the impression of Ludwig Lewisohn who returned to the United States this summer after 10 years of living abroad: that Americans are "the best-dressed, best-shod, the brightest of eye, and clearest of complexion of any people in the world, and women in humble walks of life and in small towns have a touch of chic that is unthinkable in any other country."

Townpeople and college faculty—if they were observant—must have absorbed new faith and courage from contacts with these men and women drawn from every section of the state. The story of Antaeus, whose vigor was renewed with each contact with Earth and who was conquered only after that contact was lost, represents a universal truth. In industrial centers, stuffy cities, humanity reaches a mental and moral low ebb hardly possible to those in closer contact with things of Earth.

The brilliant sunshine, the translucent atmosphere of the middle west buoy up the spirit; its wide plains and rugged hills make heroic resistance to adverse conditions natural, normal.

BOOKS

Economic History as Viewed by a Liberal

"Economic History of the People of the United States." By Fred Albert Shannon. The Macmillan Company, New York, 1934. \$5; textbook edition \$3.75.

Economic history is a picture in half-tones. It lacks the gay colors of political history and the throbbing rhythm of the history of dynasties. Economics is a gray science. You may vary its values but you may not put it in sprightly pigment or bold brush stroke. The best you can do is to apply wash to a line drawing. It is not an exciting business. The effect is something like that of a stark, brutal landscape in winter, with a kind of beauty that is almost dreadful.

This is a somewhat inadequate expression of the mood Professor Shannon's work left upon this reviewer. You wish every member of our economic democracy could read it and

then you wonder if it would make much difference. What stupid mistakes our ignorance of economic facts caused us to make! Yet would knowledge have made us wiser? Professor Shannon spares us the answer to these imponderables. He is content to give us the picture in grays.

The picture is complete, it is honest, it is embellished with the artist's personality. You may not like his interpretations but you will like the sturdy courage which animates them and you will admire the use of the materials and the technique.

To speak more directly, Professor Shannon has put under two covers a most remarkable array of economic knowledge pertaining to the development of that political segment which stands as the richest and most influential power in the world today. The material is selected with scholarship and honesty; it is interpreted with human bias trained to applaud social justice and to abhor exploitation, selfishness, depravity, and ignorance.

These are the sections of the book: Period of Colonial Dependence, to 1789; The Period of Dominant Sectionalism, 1789-1865; The Rise of Capitalism, 1865-1900; The Capitalistic Age, 1900-1933.

Two economic histories are here, of agriculture and of industry. The one of agriculture is the more sympathetic and the more faithful and well proportioned. When Professor Shannon touches industry he becomes suspicious and distrustful. Like Jefferson, he seems to endow the man on the soil with an innate goodness which the man loses when he quits agriculture to engage in urban pursuits. The author finds much to criticize in the economic history of commerce, industry, and finance.

This reviewer agrees with Professor Shannon's shading. We have gained prosperity, great national wealth in the bulk, but the formula that we employed so successfully in economic production has never given us equitable distribution of wealth. Labor and agriculture have fared badly as compared with commerce, industry, and finance.

Of particular value to the American public, whose avenues of communication commercial censorship dominates, are Professor Shannon's discussion of the tariff. The Chapters on economic sectionalism and secession, the Civil war years, and the rebuilding of the south are brilliant contributions. They conclusively expose the American myth that the Civil war was unavoidable, and the war guilt of the north as well as the south is fully exposed.

In the assembling of data of all phases of our economic life, it represents an extraordinarily capable performance. If all our citizens were informed of the book's contents and voted with their heads and not their hearts, America would very soon outstrip anybody's utopia.

The author is professor of history and government in Kansas State college. He wrote "The Organization and Administration of the Union Army," which received the Pulitzer prize for history in 1929.—C. E. Rogers.

ART

Kenneth Adams Showing

Indian figures and New Mexican scenes are now having their "hour upon the stage" of the gallery of the department of architecture. There are lithographs, oils, drawings, all by Kenneth Adams, of the Taos, N. Mex., artist colony, with whose work Kansas State college has been for some time familiar.

It's Adams' figures which make him stick in the memory, however, not his landscapes. Good though the latter often are, they haven't the compelling quality of his Indian drawings. And this time there are eight character studies all with one characteristic in common, a still dignity, a half-mysterious aloofness. Here are Indians who have suffered but are unbowed, whose somber, deep-set eyes see in memory things no white man may.

One much admired drawing is "Taos Indian Girl," an erect figure standing one hand on hip, leaning an elbow on a shelf. No less arresting are his heads: "Taos Indian Woman," "Dona Ascensione" of the much lined face, and "Old Native Woman," "Taos Indian Girl" handled in sculptural style, "Albidia," a quiet seated figure.

"Washerwomen" has a humorous quality rarely met in Adams; here a shapeless, barefoot woman is emptying the sudsy water on the ground

outside the back door, while her adolescent daughter stands yawning and stretching in the doorway—beautifully done, judged from any viewpoint. "Adobe Workers" is less successful—a bit stiff and obvious in its use of the women figures for working out the composition.

Of the landscapes "New Mexican Village Under Snow" is among the best. Here the adobe houses and curving road make a most pleasing pattern. "Winter Evening," a village on the mesa, has charm, atmosphere, as well as fine technique.

It is a collection of high excellence, which we shall be sorry to see depart next Saturday.—H. P. H.

with by low temperatures encountered before the eggs were placed in the incubator.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

The new college radio station was to be dedicated soon with a nationwide Kansas Aggie radio party.

Homecoming preparations were being made by the college and town to entertain grads when the Huskers came for the annual football game.

TWENTY YEARS AGO

Students and members of the fac-

college by the ladies of the Riley County Columbian club.

FIFTY YEARS AGO

The students' payroll for October was 3 feet 11 inches long, contained 119 names, and amounted to \$456.35.

A long article appeared in THE INDUSTRIALIST explaining how to use the card catalog in the library. It was written by Professor Cowles.

WIND AND SILVER

Amy Lowell

Greatly shining,
The Autumn moon floats in the thin sky;
And the fish-ponds shake their backs
And flash their dragon scales
As she passes over them.

SUNFLOWERS

H. W. D.

MOTORIZED FURNITURE

There are, after all, only two kinds of furniture—contented, built-in stuff and furniture on the loose. Men seem to prefer the built-in type that stays put, but women have an inordinate fondness for chairs and tables and book cases and pianos that like to flit about in a hilarious game of Kitty-wants-the-corner. Men and women are different that way.

About as far as men have got in their campaign for built-ins is the kitchen. Where women have to do most of their hardest labor, they're perfectly willing to have things orderly and dependable and where they ought to be. But in the rest of the house, with the possible exceptions of the furnace room and the bathroom, their only passion is to find nothing where it was when you almost got used to its being there yesterday.

You take the bed in a so-called master's bedroom, for instance. Now I protest that the spot where I regularly take my nightly rest ought to be more of a spot and less of a puzzle. There may be some sense in shushing a bed over by a breezy window in the summer, and I know there's comfort in having it away from the window and over by the hot-air register in January.

But what happens in the modern home, where art has its talons sunk into things? Every time the oil painting of great-aunt Emily is switched from one wall to another, my bed has to be moved to balance her up.

It isn't that I object to Aunt Emily's getting a new viewpoint every now and then. I think she has it coming to her. But I certainly hate to be shifted over by a cold, draughty window, when the mercury's hovering around twelve below, just to give Aunt Emily a change of outlook. I'm not sure she appreciates it; for her lips remain in that same set line and her eyes—the left one especially—gaze straight past me as they've always done.

I also imagine the piano and the book cases and the radio downstairs could get along with a lot less yardage. After all, they are fairly stolid, inanimate things and would soon learn to stay content where they belong if they could get used to it for a week or so.

You take our radio, especially. I know it needs that aerial I had put up for it, and would like to stick around somewhere near the wires that sprawl down from the roof. But half the time it has to go without its heavenly hook-up because it looks better over by the fire-place when the meter-top table (antique to the point of spontaneous disintegration) takes a notion to look better over by the window.

It has always seemed to me that the marble-top table, having been stowed away in Uncle Abner's barn loft so many, many decades, would not enjoy gallivanting around the house the way it does, but authoritative contradiction convinces me I'm wrong.

No, I'm not going to suggest that all furniture, including floor lamps, be motorized and put on roller-bearing, balloon-tired casters—nothing so cruel as that. Come to think of it, I'll not suggest anything. I tried that once and had to move everything in the house—twice. Men and women like their furniture different. Perhaps I shouldn't have called attention to that, even.

An AAA Administrator Speaks

From an Address by Victor Christgau before Kansas Extension Workers

The drought posed a very different type of problem. A shortage of feed supplies loomed, and the adjustment programs were altered so that the remainder of the growing season could be utilized to produce forage. A drastic adjustment of animal numbers to dwindling feed supplies was necessary. The regular commercial markets could not absorb all the cattle that were without feed and water, and the government opened up market outlets when the regular markets were glutted. In less than a year the livestock industry slid from the top to the bottom of the cattle cycle. It was a precipitous decline that challenged the best efforts to enable the industry to accomplish this in an orderly manner.

The situation threatened the foundations of the agricultural industry in an area that normally makes an important contribution to the food supplies and the business activity of the nation. Conserving feed and distributing it efficiently to tide the industry over to the next crop season; maintaining income in areas where there is only one crop to put onto the market; providing loans for the maintenance of farming operations where the basis for commercial loans was temporarily destroyed; holding the gains that had been made in balancing production—these are some of the problems that are now being tackled.

Now an orderly adjustment under the stress of such conditions was a large order. Perhaps some people feel that our progress has been too slow and too trying to the patience. Perhaps the tempo of progress would have been quicker if the industry had been forced to respond to a strong centralized control; if, in other words, to the methods of a Mussolini or a Hitler. The course of democracy is not an emergency speedway. It is better adapted to plodding sureness. We elected to stick to voluntary methods and progress by constant reference to the wishes of the producer. What we lost in hasty emergency results we have gained in building permanently for agriculture the basis of a self-governing economic democracy.

BOOKS ARE FRIENDS

A good book is as a tried friend. It comes to us when we need it most. It remains near, even though we slight it, awaiting but the chance to help us. John Milton said, "A good book is the precious lifeblood of a master spirit." Just as we find in life but a few real friends, so we find but a few books that lift us out of ourselves into our bettered selves.

The finest quality of character may be developed, and the elements of the highest culture may be had from a few books. Perhaps our age is booky in that it knows a little about many volumes, and does not master what lies in a few volumes.—John W. Holland in the Farmer's Wife.

SCIENTIFIC PUBLICATIONS OF KANSAS STATE COLLEGE

"The Influence of Some Factors on the Hatchability of the Hen's Egg," by D. C. Warren. Technical bulletin No. 37, June, 1934. Summary: There is a tendency for hatching quality of eggs to decrease as the age of the female producing them increases. No evidence was found for any influence of the age of the male upon hatchability of the eggs which he fertilizes. Heavy egg production was not found to impair the hatching quality of the eggs produced. Pullets pausing during the period previous to the hatching season produced eggs with better hatchability than did those laying continuously throughout this period. Close inbreeding impairs the hatching quality, while outcrossing improves it. Hatchability percentages vary inversely with the size of the egg. Under the experimental conditions provided, holding eggs longer than six days appeared to be detrimental. There was some indication that under certain conditions hatching quality of eggs was interfered

ultly planned to care for 500 suffering Belgians during the winter.

Nearly 40 per cent of students enrolled at the college were entirely self-supporting and others worked part-time.

The first annual Jayhawker fair was given by the Saddle and Sirolo club north of the new agronomy building to raise money to pay expenses of the stock judging team to the American Royal Live Stock show.

THIRTY YEARS AGO

Faculty members having athletic inclinations started a basketball club. They were to play twice a week in the girls' gymnasium.

John U. Higinbotham, '86, cashier of the National Biscuit company, Chicago, was the author of a book, "Three Weeks in Europe."

Prof. R. R. Price and his father, F. M. Price, went to Baldwin to attend the wedding of Professor Price's brother Murray. Murray was a student at the college in 1898-9.

College students behaved nicely on Hallowe'en night, with only one special police on the force. President Nichols' heart-to-heart talk to students in chapel was given credit for the quiet Hallowe'en.

FORTY YEARS AGO

After a parade the Students' Republican club attended a political meeting at the opera house.

Progressive conversation was entertainment at a small party given by Bertha Winchip, '91, at her home on Houston street.

The famous Sunflower clock, displayed at the Kansas building at the World's fair, was permanently placed on the east wall of the college library reading room. The clock, a Riley county product, was presented to the

AMONG THE ALUMNI

Dr. Horace A. Mills, '27, is now living in Newton, N. J.

Alice Maixner, '33, is teaching in the high school at Wilson.

Oma Bishop, '34, is teaching English and Latin at Lecompton.

Isabel Gallemore, '28, is teaching home economics at the high school in Ensign.

Mary Alberta (Dille) Hulett, '00, is living at 8186 San Carlos avenue, Southgate, Calif.

M. C. Fleming, '32, of Paola, Kan., visited in the electrical engineering department recently.

Crystal (Wagner) Barndt, '27, lives at 304 West Fourth street, Garnett. Her husband is in the insurance business.

I. K. McWilliams, '26, was a visitor in the engineering division last week. He is now in aeronautical work at New Orleans, La.

Walter D. Hemker, '25, is recuperating from injuries received in an accident in 1931. His address is 816 South avenue, Wilkinsburg, Pa.

Francis William ImMasche, '29, is working with the Farm Credit administration in Washington, D. C. He lives at 1473 Girard street, N. W.

Virginia S. Hoglund, '30, is manager of the Citizens' Aid building cafeteria, Minneapolis, Minn. Her address is 2175 Hendon street, St. Paul, Minn.

Gordon Blair, '32, and Ione (Strickland) Blair, '32, have moved to Concordia where Mr. Blair is employed by the Bolman Mercantile company.

Marcia E. Turner, '06, is associate professor of home economics education at Iowa State college, Ames, Iowa. Miss Turner recently aided in the writing of a textbook.

Rudolph B. Nelson, f. s. '09, lives at 4706 Sacramento avenue, Chico, Calif. He is salesman and manager of the northern California agency of the Pacific Rural press.

Nina D. Paulsen, '31, is dietitian for the Residence club of the Y. W. C. A. in San Francisco. This is a club of 170 young business women of San Francisco. Miss Paulsen lives at 940 Powell street.

Fred G. Sears, '92, is professor and head of the pomology department at Massachusetts State college, Amherst, Mass. He spent the past summer with the Grenfall hospital boat on the Labrador coast. This is the seventh summer Mr. Sears has been with the Grenfall hospital boat.

MARRIAGES

SLATER-MILLER

Levia Slater of Arkansas City and Ralph Norwood Miller, f. s. '28, were married June 2 in London. Mr. and Mrs. Miller are at home at 1213 West Tenth street, Topeka.

ROGGE-COLLINS

Faye Rogge, '31, and James Clair Collins were married in Atchison June 10. Mrs. Collins has been employed in the Atchison schools several years. Mr. Collins is a druggist there.

BOCKENSTETTE-TIBBALS

Edith Irene Bockenstette, f. s. '31, and Wallace James Tibbals of Dayton, Ohio, were married July 2. Mr. and Mrs. Tibbals spent their honeymoon abroad. They are now at home at 1910 Benson drive, Dayton, Ohio.

MATHEWS-BROWN

Margaret Mathews, f. s. '30, Marissa, Ill., and Kenneth Brown of Wichita were married June 2 in Stafford. Mrs. Brown has been a teacher in the Barber county schools the past four years. They are making their home on a farm near Sawyer.

MAYER-DUVANEL

Harriet Katherine Mayer, f. s. '33, Alta Vista, and Henry A. Duvanel, f. s. '33, Eldorado, were married June 3 in Alta Vista. Mrs. Duvanel taught music in Alta Vista last year. Mr. Duvanel is a case worker for Butler county. They live in Towanda.

ALTON-PERRY

Ruth Helen Alton and Paul C. Perry, '32, both of Little River, were married May 26. Mrs. Perry has been teaching near there. Mr. Perry was principal of the grade school at Little River during the past year. This year he will teach in the high school.

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RATTS-HENDRICKSON

Announcement was recently made of the marriage of Margaret Ratts and Ralph Hendrickson on May 23 in Topeka. Mrs. Hendrickson is a senior in music education and Mr. Hendrickson is a junior in mechanical engineering. Both are enrolled in college.

MARKS-CARLSON

The marriage of Margaret Marks, f. s. '31, and David Carlson, '30, Ogden, took place June 16 in Ogden. For the past few years Mrs. Carlson has been teaching in the Ogden schools. The Carlsons are making their home on a farm near Manhattan.

MORRIS-RODERICK

Marguerite Morris, f. s. '32, and Ivan T. Roderick of Manhattan were married June 9. Mrs. Roderick has been teaching at McFarland for the past year. They are making their home at 512 South Sixth street in Manhattan where Mr. Roderick is employed at the Jorgenson hardware store.

KERR-FEE

Announcement was made during summer of the marriage of Edith Winifred Kerr, f. s. '26, and Robert H. Fee March 17 in Wichita. Mrs. Fee has taught several years in the Oil Hill school. They live in Eldorado where Mr. Fee is a representative of the National Life and Accident Insurance company of Nashville, Tenn.

BIRTHS

H. P. Donnell, '34, and Marjorie (Glenn) Donnell of Glasco announce the birth of a son, Glen Phillip, October 16.

Harold Kugler, '33, and Ruth (Cook) Kugler of South Haven announce the birth of a son, Harold John, September 30.

Henry B. Bayer, '16, and Wilma (Burtis) Bayer, '16, Route 1, Manhattan, are the parents of a son, Max Henry, born October 23.

Hiram Gish, '14, and Mabel (Nienke) Gish, f. s. '15, are the parents of a son, Ivan Stanley, born October 6. Their address is Route 1, Manhattan.

Francis L. Smith, M. S. '29, and Florence (Dial) Smith, '19, 211 Addison street, Berkeley, Calif., announce the birth of a son, Robert Dial, October 17.

Ezra E. Howard, '25, and Phyllis (Burtis) Howard, '25, 6408 Woodland avenue, Kansas City, Mo., are the parents of a daughter, Margaret Alice, born May 14.

Charles Thresher, '22, and Josephine (Tredway) Thresher, f. s. '22, announce the birth of a daughter, Mildred Elizabeth, July 8. The Threshers live at Jetmore.

DEATHS

DOLL

Dr. George Doll, '97, died in Long Beach, Calif., February 23.

KELLERMAN

Word has been received of the death of Dr. Karl Frederic Kellerman, doctor of science '23, on August 30 in Washington, D. C. Doctor Kellerman was an associate chief of the bureau of plant industry, United States department of agriculture. He received his bachelor of science degree from Cornell university, and was connected with the botany department there for a year before going to the federal department. He is survived by his wife and a son.

Traveling for Y. W. C. A.

Barbara Lautz, '34, of Amarillo, Tex., is now a Y. W. C. A. traveling secretary in the region including Kansas, Colorado, and Nebraska. Miss Lautz began her work at the Estes Park conference in June, and has attended other conferences throughout the summer. Her major work will be to visit the schools of the region and to help the individual organizations in their problems. Miss Lautz will have headquarters in Kansas City.

LOOKING AROUND

KENNEY L. FORD

Kansas State college alumni living in the Chicago area greeted Mike Ahearn and his assistants at the Chicago university commons Wednesday evening, October 10. Leslie A. Fitz, '02, 625 Maple avenue, Wilmette, Ill., was in charge of the meeting. Lynn Waldorf, head football coach; Wes Fry, assistant; Frank Root, '14, head basketball and assistant football coach; Ward Haylett, head track coach; George Maddox, captain of the Kansas State college football team; R. I. Thackrey, '27, Kansas State college journalism department; and Kenney L. Ford, alumni secretary, spoke briefly. M. F. Ahearn gave a

South State street, Chicago; D. C. Thayer, '20, 333 Park avenue, Highland Park, Ill.; William N. Upham and Lucy Van (Baughman) Upham, '17, 534 North Ashland avenue, LaGrange, Ill.; Edwin A. Vaupel, '28, and Neva (Anderson) Vaupel, f. s. '18, 11441 South Irving avenue, Chicago; Merrill W. Watt, '20, 5518 Lakewood avenue, Chicago; F. E. Wiebrecht, '29, 20 North Wacker drive, Chicago; and Florence Wiltse, '33, student Gregg Business college, Chicago.

ALUMNUS EXHIBITS PAINTINGS IN THE DENVER ART MUSEUM

Exhibition of Stanley P. Hunt's Work May Be Brought Here

Stanley P. Hunt, '19, recently had a one-man show of oil paintings in the Denver Art museum. The exhibition drew favorable comment from the art critic of the Rocky Mountain News. Hunt is in the drawing department of the college of engineering, University of Wyoming, Laramie. For the past several sum-

Fight! Fight! Fight on for Kansas State

Prof. William Lindquist of the music department has written this song which may become a third popular song for Kansas State. The college glee clubs are already working on it and the student body probably will sing it at the Missouri game here November 10.

Fight! Fight! Fight on for Kansas State!
With honor, might and main!
Fight! Fight, Let courage ne'er abate!
All fear of foe disdain!
FIGHT ON! FIGHT ON! TILL VICT'RY'S WON!
Fight for our Alma Mater, fight!
For her whose banner knows no stain;
Fight! Fight! Fight on for Kansas State!
The victor's crown to gain.

Fight! Fight! for Alma Mater, fight!
Fight on, through toll and pain!
Fight! Fight! what e'er may be our plight;
Though hope may seem to wane.
FIGHT ON! FIGHT ON! TILL VICT'RY'S WON!
Fight for old Kansas State! Fight on!
For her whose cause we'll e'er sustain;
Fight! Fight! for Alma Mater, fight!
Fight on, fight on again!

Fight! Fight! Fight on for Kansas State!
Fight on, with brawn and brain!
For her in valiant deeds translate
Our love, which knows no rein;
FIGHT ON! FIGHT ON! TILL VICT'RY'S WON!
Fight for our Alma Mater, fight!
Her fame and honor we'll maintain!
Fight! Fight! Fight on for Kansas State!
In glory may she reign!

most interesting talk about the college, faculty, and athletics at Kansas State.

Outstanding in the meeting, as in the New York City, Washington, and Milwaukee meetings, was the spirit of comradeship and visiting of alumni who live in the same locality but seldom meet.

Leslie Fitz, who had served long as president of the Chicago alumni association, asked that new officers be elected. These were chosen: Merle James Lucas, '21, 9318 Prairie, Chicago, president; Arthur Henry Hemker, '29, Elmgate hotel, Evanston, Ill., vice-president; and Francis Eugene Wiebrecht, '29, 5916 West Erie street, Chicago, secretary-treasurer.

The following registered for the meeting:

Leila B. Colwell, '26, 303 East Superior street, Passavant hospital, Chicago; Helen Davis, '33, 2709 Simpson street, Evanston, Ill.; L. A. Fitz, '02, 625 Maple avenue, Wilmette, Ill.; A. H. Ford, '22, and Clara Louise (Ausherman) Ford, f. s. '22, 1112 Curtiss street, Downers Grove, Ill.; Bertha Batcheller Foster, f. s. '91, 6933 Eggleston avenue, Chicago; Rose (Straka) Fowler, '18, 1750 West Van Buren street, Chicago; Mary Bell (Read) Glick, '30, and Frank L. Glick, 1319 Michigan avenue, Chicago; Mayrie Griffith, f. s. '34, 309 East Chicago avenue, Chicago.
A. W. Gudge, '23, and Mrs. Gudge, 157 West Austin, Chicago; Alvin W. Hamilton, '27, 72 West Adams, Chicago; H. H. Harbecke, '11, 7518 Langley avenue, Chicago; T. J. Harris, '14, 75 East Wacker drive, Chicago; R. D. Harrison, '30, 20 North Wacker drive, Chicago; S. H. Heath, '26, industrial relations department, Western Electric company, Hawthorne Station, Chicago; A. H. Hemker, '29, 221 North La Salle street, Chicago; Esther Herman, '30, 5757 Woodlawn, Chicago; W. K. Hervey, '16, and Mrs. Hervey, 72 West Adams, Chicago.
T. E. Johtz, '22, 230 Clark street, Chicago; Paul V. Kelly, '10, 343 South Dearborn street, Chicago; W. H. Koenig, '22, 540 North Michigan avenue, Chicago; Emmett E. Kraybill, '22, 814 North Towne, Chicago; R. G. Lewis, '24, 6556 South Fairfield avenue, Chicago; J. P. Lortscher, '29, Swift and company produce department, Union Stock Yards, Chicago; Merle J. Lucas, '21, and Violet Anna (Andre) Lucas, f. s. '22, 72 West Adams street, Chicago; Vern D. Mills, '29, and Mrs. Mills, 901 Argyle, Chicago; Craig E. Pickett, '29, studio engineer, National Broadcasting company, Merchandise Mart, Chicago.
Helen (Batchelor) Pierson, '27, cashier International House, University of Chicago, Chicago; Elizabeth Pfuetze, '34, Illinois Masonic hospital, 836 Wellington avenue, Chicago; James W. Schwank, '29, statistician, Commonwealth Edison company, 72 West Adams street, Chicago; E. C. Scott, '24, 7409

mers he has studied in the Broadmoor academy at Denver under such artists as Willard Nash, Boardman Robinson, Ward Lockwood, and Lawrence Field.

An exhibition of Hunt's work may be scheduled for the Kansas State college galleries later in the year.

Royal Purple Conducts Contest

To the student selling the greatest number of copies of the Royal Purple this week will be awarded a free trip to the Nebraska game Thanksgiving day, Spencer Wyant, Topeka, editor of the yearbook, has announced. Second and third prizes will be a free copy of the Royal Purple or an admission ticket to the game. The offer is made as a climax to the sales campaign which opened October 10 in an effort to sell enough copies of the yearbook to reduce the price from \$4 to \$3.50.

No Parents' Day Banquet

Lack of interest by the student body has resulted in cancellation of plans for the annual Parents' Day banquet this year, according to Kenney Ford, alumni secretary. The Kansas State College Parents' association which sponsored the banquet is composed of parents and guardians of students who are attending college here.

Seed Analysts Meet

The seed laboratory of the Kansas state board of agriculture conducted a special one-week school for seed analysts and those engaged in the seed trade last week in Manhattan. The purpose of the school was to provide an opportunity for practice work in seed testing for purity and livability. Lectures, demonstrations, and discussions accompanied the practice work.

Stukey to Colorado

Glenn Stukey, '34, has been appointed manager of the Colorado Utilities office at Hayden, Colo. His duties will include the supervision and maintenance of the company's operations in Craig, Hayden, and Steamboat Springs, Colo.

RECENT HAPPENINGS ON THE HILL

Thirty-four were listed in the practice group of the women's rifle team at the tryouts held last week.

County agents who attended a conference at the college last week spent one evening as guests of the Collegiate 4-H club. The freshman members were in charge of the program.

An account of his travels in Turkey and the Near East was given in an informal talk by Raymond White, graduate student, at the Cosmopolitan club meeting Thursday, November 1.

A fashion show was presented by members of the Freshman commission Tuesday afternoon in the high school auditorium. Attire for all occasions, day and night, was paraded for inspection. Louise Ross was in charge of the program. Roberta Rust and Pauline Umberger were supervisors.

Several hundred townspeople, faculty members, and students attended open house at Van Zile hall Friday night. All were given an opportunity to see the entire building. Van Zile hall was built in 1926 at a cost of \$175,000, has accommodations for 130 girls, and has suites for the hall and dining directors. It is filled to capacity this year.

ALUMNI PROFILES

J. Wheeler Barger, '22, probably holds a record for the number of college subjects he has taught during the 12 years since he was graduated from Kansas State. Having been a successful college teacher of English, public speaking, debate, sociology, and economics, he is now acting dean of the department of agricultural economics in the Texas Agricultural and Mechanical college.

Barger, born on a farm in Tennessee March 1, 1900, spent the first few years of his life there, later moving with his parents to Newkirk, Okla., where he attended grade school and three years of high school. In 1917 he came to Kansas State and obtained work on the agronomy farm. The next fall Barger entered the school of agriculture which at that time was the preparatory department for entrance to the college. In 1918 he entered college.

To earn the greater part of his expenses, Barger worked as a laboratory assistant in botany, and during the summer assisted with the field work of plant disease investigation. He was able to complete in four years the necessary requirements for his course in agricultural economics and considerable work toward his master's degree.

His keen participation in student activities demonstrated his capacity for work. He was president of the junior class, the Y. M. C. A., the Athenian literary society, and of Pi Kappa Delta and Phi Delta Kappa, honorary fraternities. He was awarded a scholarship in debating for two years, represented the college in the Missouri Valley oratorical contest, won an award for being the best writer on the student paper, served as publicity man for the Ag fair, and was a member of the Collegian board.

For two years after his graduation, Barger was an instructor in the English department at Montana State college. While there he was transferred to the department of sociology and economics where he taught until 1928. While at Montana he completed work for his master's degree and received the degree from Kansas State college in 1923.

Barger resigned at Montana State in the fall of 1928 to enter the graduate school of Leland Stanford university where he completed residence requirements for his doctor's degree. The following year he went to the Texas Agricultural and Mechanical college where he is now. While connected with the Texas school Barger took and passed the examinations of the American College of Life Underwriters. Recently he took the examinations for admission to the bar in Texas.

Barger is married and lives in College Station, Tex. He takes an active part in college and community affairs and is in much demand throughout the state as a public speaker.

WILDCATS FIND WASHBURN STUBBORN BUT WIN 14-6

STONER AND AYERS CROSS ICHABOD GOAL—STONER KICKS POINTS

Neidhardt intercepts Elder's Pass and Runs 90 Yards to Score First Washburn Touchdown Against Aggies in 16 Years

BY H. W. DAVIS

The gridiron pupils of Lynn Waldorf and Wesley Fry defeated Coach Bear's Washburn Ichabods at Topeka Saturday night 14-6. Two touchdowns offensives featuring Stoner, Elder, and Ayers counted more than Neidhardt's brilliant interception of an Aggie flat pass and his 90-yard sprint to a touchdown. The only other high spot in the game was Washburn's defensive play in the second quarter, when they held for downs after State had the ball on the one-yard line for a first and goal to go.

The first State counter came almost as a game opener. Washburn replied to the kick-off with a quick kick. Stoner then did a 26-yard dash, Elder drove through for 30, and Stoner went over for a touchdown. Then the Ichabods began to solve the Aggie plays and construct a powerful, dogged defense, ending with their valiant stand on their one-yard line for an actual gain to their five-yard line in four defensive endeavors.

ICHABOD SCORE A SURPRISE

The State team was hammering for another touchdown when Neidhardt took Elder's flat pass on his own 10-yard line for the Ichabod score, the first time Washburn had crossed a Kansas State college goal in 16 years. During the third quarter it looked for a while as if the Washburn defense had converted itself into a dangerous offense, but nothing came of it.

Late in the fourth quarter another brilliant 35-yard gain by Stoner put the ball on Washburn's 10-yard line. Two line bucks gained six, and then Ayers went through a big hole for a touchdown. Stoner kicked for the additional point, as he had done for his own touchdown.

FREQUENT SUBSTITUTIONS

The game was a bad case of misery for the press boys and Fred Seaton, radio announcer. Lynn Waldorf saw fit to make 35 separate and distinct substitutions. Ernest Bear made 17 corrections of his personnel. So, if it had been dominoes or checkers or something, Kansas State would still have won by about two to one.

This coming Saturday the Staters get back into Big Six competition.

The lineup and statistics of the Washburn fray:

Washburn	Pos.	Kansas State
A. McKenna	LE	Churchill
Owen	LT	Maddox
Thomas	LG	Holland
Elby	C	Wassberg
Parker	RG	Sundgren
Becker	RT	Flenthrope
Neidhardt	RE	Freeland
Emrich	QB	Armstrong
Vogel	RB	Shaffer
Schwartz	LB	Stoner
Kearns	FB	Elder

Substitutions—Washburn: Douglas for A. McKenna, Chappell for Parker, F. McKenna for Owen, East for Vogel, Lee for Schwartz, Owen for F. McKenna, A. McKenna for Douglas, F. McKenna for Owen, Diffenderfer for Kearns, Schwartz for Lee, Vogel for Diffenderfer, (Half) Owen for Becker, Becker for F. McKenna, Edmonston for Schwartz, Lee for Edmonston, Schwartz for Lee, East for Schwartz.

Kansas State: Ayers for Armstrong, Partner for Holland, R. Kirk for Shaffer, H. Kirk for Stoner, Edwards for Elder, Fanning for Flenthrope, Hays for Freeland, Burns for Churchill, Stoner for H. Kirk, Freeland for Hays, Elder for Edwards, (Half) Churchill for Burns, Stoner for H. Kirk, Armstrong for Ayers, Freeland for Hays, Holland for Partner, Flenthrope for Fanning, Shaffer for R. Kirk, Warren for Elder, Ayers for Armstrong, Partner for Holland, Hays for Freeland, Fanning for Flenthrope, R. Kirk for Shaffer, Cardarelli for Sundgren, Griffing for Wassberg, Wassberg for Griffing, Sundgren for Cardarelli, Burns for Churchill, Edwards for Warren, H. Kirk for Stoner, Whearty for Wassberg, Shaffer for R. Kirk, Lander for Ayers, Sconce for Maddox.

Wash- Kansas	State
Kickoffs	2 3
Kickoff, yards	95 145
Kickoff returned	2 2
Yards kickoff returned	38 40
Yards from scrimmage	94 368
Yards lost from scrimmage	21 33
Punts	15 11
Yards punted	621 325
Punts returned	2 12
Yards punts returned	18 227
First downs earned	4 12
First downs, unearned	1 0
Passes completed	1 2
Yards from passes	22 17
Passes incomplete	6 3
Passes intercepted	3 3
Yards from passes intercepted	118 4
Penalties	2 5
Yards lost from penalties	10 25
Fumbles	0 3
Own fumbles recovered	0 3
Time out	4 6

Scoring—Washburn: touchdown, Neidhardt. Kansas State: touchdowns, Stoner, Ayers; Stoner, placements, 2.

Football Schedule, 1934

Sept. 29—Kansas State 13, Fort Hays State 0.
Oct. 6—Kansas State 13, Manhattan college, N. Y., 13 (tie).
Oct. 12—Kansas State 20, Marquette university 27.
Oct. 20—Kansas State 13, University of Kansas 0 (Homecoming).
Oct. 27—Kansas State 0, Tulsa university 21.
Nov. 3—Kansas State 14, Washburn 6.
Nov. 10—Missouri university (Parents' day) at Manhattan.
Nov. 17—Oklahoma university at Norman.
Nov. 24—Iowa State at Manhattan.
Nov. 29—Nebraska university at Lincoln.

MISS HOLROYD DISCUSSES HIGH SCHOOL MATH WORK

Urges Better Training in Teachers, More Emphasis on Principles, the 'Why' of Operations

Weaknesses of high school graduates in mathematics and suggested remedies is the subject of an article by Miss Ina E. Holroyd in the October issue of the quarterly bulletin of the Kansas Association of Mathematics Teachers. It was printed first last March in "The Mathematics Teacher," the official journal of the national council of teachers of mathematics.

"No subject in the high school curriculum suffers more from bad teaching technique than mathematics," she declared, "and none might be made of more lasting and practical benefit."

Improvement must come largely from within the ranks of the profession, she believes. "Mathematicians must interest themselves in the elementary field sufficiently to give of their time and talents for the general welfare of the secondary schools." She told in detail of the exacting standards for mathematics teachers in elementary and secondary schools in Sweden, Denmark, France, Germany.

To teach the first six grades of mathematics she demanded "the bachelor's degree from a standard college or university, including as a minimum mathematics through the analytics"; to teach in the secondary schools, "the master's degree in the subject to be taught, together with at least a year's professional training in that subject." The teacher should know how pupils learn, and methods of presentation of certain topics so that the learning will be effective, and should teach students good study habits.

She emphasized the importance of thorough teaching of fundamental principles by means of simple problems. "Trust to the pupil's general mental maturity and subsequent teachers to make applications in more complicated situations in later courses," she urged. "Keep the work simple, and do not think that every problem in the textbook must be solved. Establish the 'why' of every operation. Beware of all mechanical devices. Teach the thought process instead."

Miss Holroyd is of the class of '97 and has taught in Kansas State college since 1900, the first five years, however, in the English department. Since 1910 she has been connected with the mathematics department. Her master's degree was from Columbia university in 1929.

SIX LETTERMEN RETURNING; WRESTLING PROSPECTS GOOD

Promising Material Includes High School Stars of Two States

Wrestling Coach B. R. Patterson is pleased with his prospects for the coming season, having six lettermen back and some promising new men for the Kansas State team.

The returning lettermen are Pete Sherar, 125 pounds; (Captain) Dick Campbell, 135 pounds; Sam Alsop, 145 pounds; Dick Fowler, 155 pounds; Claude Young, 165 pounds; and Dean Swift, 175 pounds.

Heading the list of men who were not available last year is Sam Alsop, Wakefield, who has lettered twice, and is now returning to school after several years absence. Other outstanding men are E. D. Jessup, Wichita, state high school champion in 1933; Billy Walters, Manhattan, former squad man; Forrest Fansher, Hutchinson, intramurals champion last year; Calvin Thomas, Garden City; and R. B. Holland, Iola.

NINETEEN SENIORS ELECTED PHI KAPPA PHI MEMBERS

Less Than One-half Received Recognition When Freshmen—Another Five Per Cent in Spring

Nineteen seniors were recently elected to membership in the Kansas State chapter of Phi Kappa Phi, national honorary scholastic society. Superior scholarship is the primary requirement and all those chosen are in the upper five per cent of the class in their respective divisions. An additional five per cent will be elected during the spring semester.

Slightly less than one-half of those elected to membership received recognition as freshmen, according to a report by Dr. C. V. Williams of the department of education. The report showed less than 50 per cent correlation between recognition and election.

Those named to Phi Kappa Phi membership in the fall election:

Division of agriculture—Albert Thornbrough, Lakin; George A. Rogler, Matfield Green; and Charles E. Murphy, Leoti.

Division of engineering—Fred J. Benson, Grainfield; Frederic R. Senti, Cawker City; Junior H. Howard, Oberlin; Wilbur E. Combs, Manhattan; and John V. Baptist, Uniontown.

Division of general science—Lloyd E. McDaniel, Michigan Valley; Paul E. Blackwood, Talmo; Roberta Shannon, Geneseo; Catherine Mitchell, Manhattan; Harold Wierenga, Cawker; and Buell Beadle, Talmage.

Division of home economics—Doris Thompson, Marion; Elizabeth Walbert, Columbus; and Wilma Dee Brewer, Riley.

Division of veterinary medicine—Oscar F. Fischer, Junction City; and Edgar W. Millenbruck, Herkimer.

MISS ELCOCK WILL DISCUSS ULYSSES, BABBITT, OF 1922

Cummings' 'Enormous Room,' Also To Be Taken up

Joyce's "Ulysses," Lewis' "Babbitt," and Cummings' "The Enormous Room" are the three novels to be discussed tonight by Miss Helen Elcock, associate professor of English, in the second of this year's department lectures in Calvin Hall.

"They illustrate the formlessness in matter and style so characteristic of the fiction of the last decade." Thus she explains her choice of these for the output of the year 1922. "Neither Babbitt nor Ulysses has a plot; they are simply bounded by a period of time. Both illustrate also the decade's tendency to satire and its divided impulses. Joyce is convinced that the Catholic church is wrong, yet he is irresistibly drawn back into it; Lewis wavers between sympathy with and mockery of his characters. Cummings' autobiographical book of his war years' experience in France, though showing a beauty of style far outstripping Lewis, shows some of the same characteristics."

ENGINEERS FROM FOUR STATES ATTEND MEETING ON CAMPUS

D. C. Jackson, University of Kansas, Elected President of Society

Prof. D. C. Jackson, head of the department of electrical engineering at the University of Kansas, was elected president of the Kansas-Nebraska section of the Society for the Promotion of Engineering Education at the society's convention on the Kansas State college campus last week. The society will meet at the University of Nebraska next year.

The other officers elected at the meeting were: M. A. Durland, assistant dean of the division of engineer-

ing at Kansas State college, secretary; M. S. Evenger, professor of civil engineering at Nebraska university, chairman of the program committee; R. M. Kerchner, professor of electrical engineering at the college, and Ernest Boyce, professor of sanitary engineering at Kansas university, members of the program committee.

The election marked the end of a two day meeting attended by 67 delegates from other engineering schools in Iowa, Missouri, Nebraska, and Kansas.

John L. Harrington, consulting engineer of Kansas City, Mo., the principal speaker of the Saturday session, says the engineering profession is becoming increasingly attractive due to the fact that government agencies are hiring more engineers.

PUBLISH VERSE VOLUME BY F. MARSHALL DAVIS

Former Kansas State College Student, Colored, a Member of Ur Rune of Quill Club

A volume of poetry from the pen of Frank Marshall Davis, colored, former student in journalism at Kansas State college, has been announced by the Black Cat Press, Chicago publishing house.

Davis has been in Chicago since late August doing free lance newspaper work. From early 1931 to the past summer he was in Georgia where he helped start and edit The Atlanta Daily World, the only Negro daily and Sunday newspaper in the world, and was also managing editor of the Scott Newspaper Syndicate. He resigned because of dislike for life in the south and the desire to give more time to creative writing.

He studied at Kansas State college from the fall of 1924 to January, 1927, then left to return in the semesters of 1929 and 1930. His last year here he contributed a regular column called "A Diplomat in Black" to the Kansas State Collegian. He is also the only member of his race to be elected to Ur Rune of the American College Quill club, and won the praise of many critics for his verse.

Davis has contributed poetry to several magazines and anthologies, including the Crisis, Verse Craft, Abbott's Monthly, Brown Bull, American Poetry Anthology of 1927, Quill Poems: 1929, and the Parnassian.

The forthcoming book, to be entitled "Black Man's Verse," will be off the press on or about December 1, the publishers announce. It will be produced on a royalty basis and will be the first Negro-written volume published by the Black Cat Press as well as the 28 year old writer's initial book.

Fourteen Bands Will Parade

Those who like band music should be pleased Saturday when at least 14 bands will play before and during intermissions of the Missouri-Kansas State college game. Among the organizations which have sent acceptances are the high schools of Topeka, Abilene, Dodge City, Glasco, Atchison, Junction City, Belleville, Centralia, Manhattan, Salina, Minneapolis, McPherson, and I. O. O. F. home. After a parade through downtown Manhattan and Aggieville the massed bands will play in Memorial stadium. Kansas State college 100-piece band will head the parade.

PROGRESS OF KANSAS PRESS F. E. C.

H. S. Wadham of the Barnard Bee recently moved his newspaper plant into a new location.

Frances Sheeran of the Chapman Advertiser devoted the entire back page of that paper to advertising in a recent issue.

Clay and Nelson Reppert, both '34, of the Osawatimie Graphic-News now have a man making a house to house visit in the Osawatimie territory. He will write news and take subscriptions.

T. A. Wiseman, editor of the Gridley Light, devotes the two center columns of his paper to news from other parts of the world, including short articles on local, state, and national news.

Kenneth Meuser of the Olathe Mir-

ror and Maurice Darnell of the Edgerton Journal were elected president and secretary-treasurer of the Second District Editorial association at a meeting in Baldwin.

H. O. Dendurent, '34, has resigned his position of reporter on the Manhattan Chronicle to accept a position of front office man on the Johnson Pioneer. The Pioneer is owned by Rolland Jacquart who also owns and operates the Sublette Monitor.

A 24-page issue of Warren Zimmerman's tab-size Liberal News, issued October 23, was a good looking paper. This small daily carries some Associated Press News, but it is the home items that make it look good to local folks, we think. This particular issue carried plenty of advertising, too.

MISSOURI HERE SATURDAY FOR PARENTS' DAY GAME

KANSAS STATE HAS WON LAST FIVE GAMES FROM TIGERS

Waldorf Believes Carriedo's Team Much Stronger Than Its Defeat by Oklahoma Indicates—Expects a Hard Game

An invitation has been extended by president F. D. Farrell to all parents and guardians of students to attend Parents' day on the campus Saturday in connection with the Kansas State-University of Missouri football game.

There will be no banquet this year, but parents are invited to attend classes. At 11 o'clock there will be a parade by students in military training. Special entertainment will be provided by 14 bands, including some of the best high school bands in the state.

The annual Tiger-Wildcat game in the afternoon will round out a quarter-century of rivalry which has been featured by upsets of the dope through one-point victories, through kicks made and missed, victories on field goals, by safeties, and various unusual performances.

KANSAS STATE HAS EDGE

The Parents' day contest Saturday will be the twentieth between the two schools in the 25-year span. Up to last year the series was a tie at 8 games each with 2 ties. The Wildcat victory last year gave Kansas State an edge. Kansas State's 33 to 0 victory last year is largely responsible for the Kansas State margin in points of 177 to 138 in the all-time standings.

Missouri won the first game in 1909, 3 to 0. In 1923 Missouri started a winning streak of five consecutive years. Kansas State has won the past five games, 1929 to 1933, inclusive.

Figuring Missouri an in-and-out team which was "out" against Oklahoma last week and as a result will be "in" this Saturday, Coach Lynn Waldorf of Kansas State is working his squad hard this week for the first of a series of four straight Big Six contests.

WALDORF SEES CLOSE GAME

Oklahoma's well-known propensity for playing inspired football on its home lot, combined with the fact that it was homecoming and Missouri had ruined a Sooner homecoming two years ago, probably accounted for the extra pressure applied to the Tigers. Waldorf figures, while Missouri doubtless suffered a let-down after the fine performance against Chicago.

"Missouri made a better showing against Colorado on offense than Kansas did," Waldorf commented. "A year ago we beat Missouri 33 to 0 by using the air. Our running attack gained only 104 yards to Missouri's 123, but Lee Morgan's passes made 219 yards to Missouri's 28. This year we have shown no passing attack, our running attack is not as strong as it was last year. I can't do anything but a good football game."

Waldorf's comment on the Washburn game was, "As is usual with a young team, ours is inconsistent. We played great football the first five minutes, then just muddled along the remainder of the game."

Organizing Alumni Chapter

A Kansas City Kappa Phi alumnae chapter is being organized, according to Ruth (Tredway) Freeman, '32, who announces a tea for Sunday, December 2, at 3 o'clock at the Kansas City Training school, Fifteenth and Denver. The chairman for the meeting is Lora (Thiele) Hughes, '28, 2803 Charlotte street, telephone VA 1233.

Quinlan Honored

L. R. Quinlan, professor of horticulture, in charge of landscape gardening, was elected president of the Kansas Associated Garden clubs for next year at a meeting in Lawrence last week.

Townley a Visitor

Gordon Townley, '31, was a visitor in the civil engineering department last week. He is with a plan party at Luray, Kan., for the state highway commission.

More Television Equipment

Prof. R. G. Kloeffer, head of the department of electrical engineering, and L. C. Paslay were in Kansas City last week to purchase tubes and other equipment for the television station.

THE KANSAS INDUSTRIALIST

Volume 61

Kansas State College of Agriculture and Applied Science, Manhattan, Wednesday, November 14, 1934

Number 9

FARRELL ASKS \$300,000 FOR A SCIENCE BUILDING

REQUESTS LAW MAKING R. O. T. C.
OPTIONAL OR COMPULSORY

Twenty-year Program, Financial Summary, Legislative Needs, Restoration of Salary Cuts Included in President's Biennial Report

An appropriation of three hundred thousand dollars is requested by President F. D. Farrell, in his biennial report to the board of regents, for the construction of a physical science building to replace Denison hall. The appropriation was urged as the most pressing need in the way of new buildings. Denison hall, which housed the departments of chemistry and physics, with equipment valued at \$112,000, was destroyed by fire the night of August 3.

"To replace completely the building and equipment destroyed by the fire will cost in the neighborhood of \$400,000," President Farrell reported to the board. "The appropriation of \$300,000 (\$150,000 each year of the next biennium) is recommended for the construction of a new fireproof modern building that would cost at least \$250,000 and to finance a substantial beginning on the purchase of chemical and physical equipment to replace that destroyed."

TWO YEARS TO COMPLETE

The president pointed out that after a state appropriation is made, approximately two years are required to construct a building of the kind and size needed to replace Denison hall. If the necessary funds are appropriated by the 1935 legislature the building will be ready for use not earlier than 1937. If the appropriation is not made until the 1937 session of the legislature the building will not be ready for use until September, 1939. Meantime, he declared, the present severe handicap on both research and instructional work in physics and chemistry would continue, greatly to the detriment of the institution and, hence, to the state. The research and instructional work in physics and chemistry is fundamental to the major activities of the entire institution—agriculture, engineering, and home economics, particularly.

"Denison hall and equipment were uninsured," the report stated. "The state carries its own fire risks and does not permit its institutions to carry fire insurance. By carrying its own fire risks the state probably saves annually thousands of dollars that otherwise would be expended for fire insurance premiums. The replacement of a building and its equipment destroyed by fire is the only large fire loss the college has experienced since its establishment 71 years ago. The state has a business obligation and a moral obligation to replace the building and its equipment at the earliest possible date."

The report explained the temporary arrangements which involve scattering the work in physics and chemistry throughout five buildings, thus crowding the enrolment of 1,226 students in chemistry and 635 in physics. The arrangements necessarily are inefficient and unsatisfactory, the president pointed out.

REQUESTS R. O. T. C. LAW

The compulsory military training question, which has been the subject of agitation the past year or two, was reviewed carefully by the president who requested the regents to ask a legislative enactment "providing definitely that military training for able-bodied freshman and sophomore men students at Kansas State college be continued as a required subject or, if the regents prefer, a bill providing, equally definitely, that the subject be optional."

"The subject should be definitely required or definitely optional," the president commented. "There is no tenable middle ground." The supreme court of the United States, according to press reports, has held that whether the training should be required or optional is a question for the states to decide individually.

The section concerning R. O. T. C.

training pointed out that 46 of the 48 land-grant colleges of the country make it compulsory, and said: "In its 71 years of experience the college has obtained no evidence that the military training it requires has ever done any harm. On the contrary it has obtained evidence that this training is exceedingly valuable both for peace-time activities and in war, both to the man who receives the training and to the country."

The 20-year program on which the institution is now working, a summary of receipts and expenses of the college, legislative needs for the forthcoming two years, recommendations concerning provision for superannuated faculty members, partial restoration of reduced salary appropriations, and other new building needs were discussed in the president's report.

POTTERY, OILS, DRAWINGS BY H. V. POOR ON EXHIBITION

Here for Two Weeks, To Be Subject of Monday Night Lecture by Helm

Pottery, oils, drawings by Henry Varnum Poor are now on exhibition in the department of architecture gallery and will remain there until November 26.

"Artistically it is probably the finest exhibition we'll have here this year," commented John Helm, Jr., assistant professor of the department of architecture. "Poor is the United States' leading potter and among her greatest living painters."

Mr. Helm will give the A. A. U. W. lecture on the exhibition next Monday at 7:30 in Anderson hall, and will have the collection transferred there for the evening.

"Too many people make no effort to understand Poor's work and as a result get nothing out of it. Naturally no one will like all his work, but each should find some things which after study he very much likes," said Mr. Helm.

Poor is a Kansan by birth and early training but is now living in New York City.

PLANS ARE BEING MADE FOR ANNUAL AGGIE POP STUNTS

Twenty Organizations To Submit Plans for Entries

Plans are being made for the twentieth annual Aggie Pop to be presented in the college auditorium December 8 and 9; awards to be presented Saturday, December 9.

Short acts will be presented by the Home Economics club, Phi Kappa Tau, Alpha Kappa Lambda, and Phi Kappa. Longer features will be furnished by Kappa Delta, Kappa Kappa Gamma, Delta Delta Delta, and Orchesis.

Kappa Delta will feature roller skating, Kappa Kappa Gamma and Delta Delta Delta, playlets, and Orchesis will present classical dancing. The three fraternities in the division for short skits will give humorous acts. A pageant will be given by the Home Economics club. Pauline Compton is manager of the program this year.

FIFTH ANNUAL INSPECTORS' MEETING HERE THIS WEEK

Milk and Dairy Food Distributors Included in the Group

Sixty persons are expected to attend the fifth annual school of state and municipal dairy inspectors to be held Thursday and Friday in the west wing of Waters hall on the campus.

Membership in the organization includes members of the state board of health, milk and dairy food distributors, and the municipal and state dairy inspectors. The program will start at 10 o'clock Thursday morning with Dr. E. G. Brown, secretary of the Kansas state board of health; Prof. H. W. Cave, department of dairy husbandry; and Prof. W. H. Riddell, department of dairy husbandry, addressing the group. A dozen others will speak during the two-day session.

SAYS SPEECH AND SUCCESS ARE CLOSELY CORRELATED

DEFECTS LIMIT INDIVIDUAL'S POWER TO WORK EFFECTIVELY

Prof. J. C. Peterson Shows Importance of Correct Pronunciation and Good Vocabulary in Building Wholesome Personality

Speech habits and skills are closely correlated with success in school and in at least some of the vocations. Defective speech not only limits one's powers to work effectively with others but also destroys his peace of mind and self-esteem, whereas good speech habits facilitate one's efforts to get along satisfactorily with himself and with others.

This was the gist of a talk by Prof. J. C. Peterson of the department of education given recently at the college.

SPEECH AN ACQUIRED TRAIT

"Facility of speech is a personality trait of first-rate importance. Moreover, speech is almost purely an acquired trait consisting of complicated habits and skills built up by prolonged and unceasing efforts of the learner," he declared. He showed the close relationship between speech and mental development. "All studies of feeble-minded children show language retardation, while all studies of superior children show language acceleration."

"Heredity is not the sole cause of individual differences in our ability to use language," he added. Other causes of retardation are defects of hearing, of vision or of vocal organs, defective models of speech for imitation, insufficient need for learning to talk, and self-consciousness resulting from unwise attitudes or behavior of parents or nurses towards the child's attempts to talk. The first three may be remedied by medical or surgical means. An aroused public demand for properly trained attendants for children will help supply the right models.

SPEECH EASILY DISTURBED

"Children with speech defects—and from the adult viewpoint that includes all children at one time or another—recoil from ridicule whether overt such as they often encounter in the family circle, or hidden such as they sense but do not hear in more polite circles," he continued. He warned against laughing at a child's "cute" accent or his imperfect pronunciation since the child often cannot discriminate indulgent amusement from mockery. "The motor control which regulates speech is the finest in balance of all control in human behavior, the most easily disturbed," he said in conclusion. "Good speech habits encourage those activities through which, in the main, the growth of wholesome personality is promoted."

MISS ELCOCK LECTURES ON 'ENORMOUS ROOM,' 'BABBITT'

Discusses Joyce's 'Ulysses,' Also, Among Books of 1922—Second of Season's English Series

Lewis's "Babbitt," Joyce's "Ulysses," and Cummings' "The Enormous Room" were the three books of 1922 selected by Miss Helen Elcock for the second of this season's English lectures November 7 in Calvin hall. The series is entitled "A Decade of Contemporary Literature—1921 to 1930."

Sinclair Lewis is a satirist rather than a realist, Miss Elcock declared. He overstates to make his case, simplifies too much in his attack upon vices, and fails to get at causes of those vices. He fails to get beneath his standardized surface.

"The Enormous Room" she considers one of the greatest of the war books, vivid and picturesque in style, though presenting no striking ideas. She told of E. E. Cummings' work as an artist which preceded his entrance into literature, and pointed out the way that early interest had affected his descriptive style.

Joyce combines several techniques, she said: picturing the stream of inner consciousness, inner conflict (this

time two warring attitudes to the church), a naturalistic interest in surfaces. The symbolism in the book, the drawing upon a wide knowledge of languages, mythology, ecclesiastical phraseology, Irish history—an argot of words—she spoke of as one of the causes of the difficulties of reading the book. Obscene though it is in parts it will never corrupt readers, she remarked, for the comparatively rare person who is persevering and intelligent enough to read it with understanding is too intelligent to be unbalanced by it.

She read excerpts from the book to illustrate her points.

Prof. J. P. Callahan lectured on books of 1923 last night. Next Tuesday Miss Anna Sturmer will speak on those of 1924.

PRIX MEMBERS ARE NAMED AT MORTAR BOARD BANQUET

First Time Names of Honorary Organization for Junior Women Have Been Announced in Fall

Announcement of the members of Prix, heretofore a secret honorary organization for junior women, was made at a Hallowe'en banquet given by Mortar Board, senior women's honorary organization.

Members, as introduced by Winifred Wolf, Ottawa, were: Suzanne Beeson, Wamego; Elizabeth Pittman, Fergus Falls, Mont.; Virginia Dole, Salina; Marian Buck, Abilene; Delite Martin, Lewis; Nancy Jane Campbell, Lakin; Ruby Corr, Clearwater; Mildred Kratochvil, Ruth Gresham, Ellen Payne, and Maxine McKinley, all of Manhattan.

This was the first time names of members of Prix, who are selected by outgoing Prix members, have been disclosed in the fall. It also was the first time Mortar Board and Prix have cooperated in announcing the new members.

Garnet Shehi of Topeka was announced at the dinner as the girl who received the highest scholarship average in last year's freshman class. Her name will be engraved on a plaque which will be placed in Recreation center.

Miss Grace Derby, librarian, explained the purpose of Mortar Board and introduced the members. Duties of Mortar Board members include assisting Mrs. Farrell during commencement week, sponsoring the breakfast for senior women that week, working with the Blue Key for the election of senior class officers and investigating the apportionment of the activity fee between activities for men and women.

The dinner, given at Thompson hall, was attended by 157 college women.

FEEDERS TO SEE DIFFERENCE IN RETURNS HERE SATURDAY

Results of Experiments and Emergency Rations To Be Discussed

Feeders attending the Kansas State college cattlemen's meeting here next Saturday, November 17, will be shown young cattle that made splendid gains despite drought and hot weather of last summer, according to Dr. C. W. McCampbell, head of the animal husbandry department.

The cattle were fed in four lots. All were wintered well but were handled differently after May 1 when they went to pasture. After 11 months there is now little difference in weights and gains of three of the lots, but there is considerable difference in net returns, McCampbell reports.

Emergency rations and other problems will be discussed at the cattlemen's meeting in addition to the results of the experiments.

R. O. T. C. Figures Corrected

One hundred seventy Kansas State college students are taking advanced military training this year and 973 are enrolled in basic military training. The figures were erroneously given in the November 7 issue of THE INDUSTRIALIST as 146 in advanced training and more than 600 in basic training.

O'NEIL SEES STRONG ARMY, NAVY AS PEACE INSURANCE

ARMISTICE DAY SPEAKER EXPLAINS LEGION POLICIES

Says U. S. Needs Military Policy Adequate to Insure Protection of Free Institutions Inherited from Other Generations

To be patriotic one must be practical. And the practical man must realize that military unpreparedness is a short-cut to war. This was the declaration of Ralph T. O'Neil, former national commander of the American legion, and members of the Kansas State college board of regents, in his Armistice day speech in student assembly last Monday morning.

He pointed out the ominous situation of Europe today and asked, "Is now the time to stop machinery for defense?"

The American legion wishes to do everything consistent with national honor to prevent another war, he said. It urges universal military service, war-time conscription of money, supplies, and able bodied men regardless of wealth, believing that when there is profit for none, one of the most dangerous elements making for wars will be removed.

THREE GROUPS OF PACIFISTS

Pacifists are of three groups, he said—communists, non-resisters, and those who are continuously "sniping away at legislation which would assure adequate preparedness." The number of communists in the country is negligible, he said, but their influence may become dangerous. The non-resisters, he continued, are "mild idealists who overlook human nature."

The argument that building armies and navies brings on wars, he declared fallacious, saying that those who argue thus ignore the difference between nations who arm for aggressive war and those who do so only to protect themselves.

PRAISES R. O. T. C.

He praised the R. O. T. C. as being a force for health, alertness, and good appearance, and declared that far from generating militarism, it reveals the realities of war and thereby makes students less eager for war. Students have no right to try to coerce an administration to drop any course from its curriculum, he continued. They need not come to a school if they don't approve its policies.

"What is ours we must safeguard," he said in conclusion. "Only in peace time can we train for an emergency. And only through military strength can the United States have prestige and power sufficient to lead the other nations of the world. I do not advocate that we have the greatest army and navy in the world, but I do insist that we establish a military policy which will insure the protection of the free institutions handed down to us by the generations which have gone before."

Preceding Mr. O'Neil's address Dan Casement, Manhattan, made a brief appeal for support of the Red Cross in this winter's drive for funds. President Farrell in his introductory talk spoke of Armistice day as neither a celebration of the glories of war nor of peace but as a memorial service for those who had served the United States in the World war.

The college band members, resplendent in new uniforms of blue trimmed with gold braid, played three selections.

Voters Approve Sunday Shows

The question of Sunday motion picture shows in Manhattan apparently came to an end November 6 when a majority of the people voted to legalize Sunday shows. The measure for legalization carried by 829 votes. The referendum was financed by the theaters. The welfare board had agreed to take whatever action the people decided on in the referendum. The result ended agitation which has lasted several years among theater managers, students, and townspeople.

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WEDNESDAY, NOVEMBER 14, 1934

PUBLIC SCHOOLS AND GOVERNMENT

What shall we do about our schools?

This question which has been worrying many Kansans is certain also to bob up and harass the state legislature when it convenes. As it should, certainly. Inefficient schools whose only hope is to muddle through somehow inevitably will mean a generation of citizens inadequately fitted to "carry on" in the new social order, to solve the increasingly complex problems of a new world. Never in American history has there been greater need of efficiency in school organization and school administration, a corps of trained, poised teachers.

Yet, as the school is in many communities the largest business, as much of its support is from local taxes, and as it takes so much of the tax revenues, it is too often made to suffer regardless of effect upon the lives of boys and girls. For many hard-pressed communities that seems the only road open.

The situation may lead to state and federal governments taking over one more phase of our life—public education. Many educators are in fact demanding it, declaring that only thus can its efficiency be preserved, regardless of selfish interests in one community, economic fluctuations in another, and chronic hard times in a third. Perhaps it is only thus that teachers will be protected against a recurrence of their present plight, that of receiving less in wages than does a skilled factory hand. As public servants, performing an essential service, trained at considerable expense both to themselves and to the state, they would seem to be entitled to the protection of government.

BOOKS

A Landmark in Poultry Breeding

"International Poultry Guide for Flock Selection," By Loyal F. Payne and Harold M. Scott. International Baby Chick Association, Kansas City, 1934. \$1.50.

This book was described by one reviewer as "the most popular poultry book yet published." The enthusiasm with which the new guide has been received is due largely to the independent manner in which the authors have approached their subject. Poultry producers have held a rather extreme view regarding the detailed requirements established for a bird to qualify as a member of a given breed or variety. Such a view was tolerable when the breeding work was in the hands of the fancier, but during the past quarter of a century the task of poultry improvement largely has been taken over by those who were primarily interested in the fowl's utilitarian qualities.

In their revaluation of breed and varietal characteristics the authors have attempted to retain those specifications which are necessary for maintenance of the distinctive features of the group as well as those features which enhance the natural beauty of the bird. They have disregarded or subordinated, however, qualities which have neither utilitarian nor aesthetic value. The standards proposed in this book have been adopted in the national uniform plan of poultry improvement and will be used widely throughout the

country. It is proposed that disregard in the breeding program for these minor features will permit more emphasis being placed upon those of utilitarian significance.

In addition to outlining characteristics of the more common breeds and varieties of chickens, the authors discuss methods of breeding for elimination of skeletal defects. Breeding methods for improvement of feathering of broilers are also outlined. Production culling constitutes one of the important subjects treated.

In coming to a decision as to what is or is not of utilitarian significance in the make-up of a breed, the authors may have been somewhat arbitrary in their valuations but future breeding experience will answer this question. Some may question the wisdom of such a radical departure from the orthodox views but most poultrymen will agree that changes suggested in this book will lead to a step in the right direction. It seems highly probable that this contribution to the literature on poultry husbandry may be a landmark for a change in emphasis in breeding improvement program of the fowl in this country.—D. C. W.

KANSAS EIGHTY YEARS AGO

THE INDUSTRIALIST is indebted to Dr. D. M. Campbell, f. s. '04, editor of Veterinary Medicine, for the following letter which he found while "digging around among my old magazines." The letter, which apparently describes the site of Manhattan, appeared in the Country Gentleman of September 7, 1854. It is reprinted without editing.—Ed.

Back-Bone Valley, on Fremont's Route, deg. 39, Kansas River, Kansas Territory, Aug. 17, '54.

I wish to inform you that I am in the best country I ever heard or read of. We arrived here on the 1st of Aug. as the Pioneer party of the Mass. Emigrant Aid Company, for whom I have acted as Agent. Many of our men throw down their blanket at night and awake in the morning, feeling remarkably light, and well in body and spirit; we have the most pure air I ever breathed. The black soil is from three to six feet, on clay three feet, then a red fine gravel mixed with clay, then tough, blue, pure clay. We have found excellent sand stone for shoemakers and grindstones; also nearly all kinds of building and lime stone and stone-coal. The timber is good but not plentiful. I have seen land in Norway, England, Canada, United States, but never any like this. Some places, while staking out wood claims, the weeds and grass were above our heads on our horses. A man can cut two tons of hay per day on a claim I have. Persons coming here to farm ought to possess some little money to build a house. A log cabin costs from \$30 to \$50; cows with calves \$35, oxen \$70 to \$90, Indian ponies \$40, horses or mares \$100 to \$150, wagon \$70 to \$90. At present we have no blacksmith, shoemaker, in fact no mechanical establishment. We expect to establish a city here; we have a fine site, an excellent landing on the Kansas river, which is navigable by boats drawing eighteen inches water all the season. Winter, the Indians say, is three months, but the grazing cattle can get food most of the winter in the woods. If any good industrious farmer or mechanic, that really intends coming here to live, wishes it, I will stake out a claim on the prairie as near as I can to timber, and get timber cut, and what is called a foundation, put on, enough to hold the claim for 60 days, on receipt of \$20 good Western money to pay the labor. Now this is much less than it costs to travel to Kansas without going back for the family. Each one ought to be here as soon as he can with a tent, if he intends to cut hay and build and provide for winter. We sometimes catch a 20 to 40 pound fish on our lines during the night; they eat finely; they are Rock and Cat fish. Let none bring rifles—a shot gun is best, as most of the game is prairie hens, partridges and turkeys. Wild plums and white or small plums are plenty in some of the woods. The wood is chiefly oak, black-walnut and cotton. Yours truly,

John Doy.

TREASURES IMMEASURABLE

A great Frenchman once said, and I think said truly, "The dead take into the next world clasped in their still cold hands only what they gave away in this world." If you give of service, or give of money for the relief of your fellows, your reward is coming first in the consciousness of having done the job, an unwelcome job

that had to be done; and second, in the thought that you are storing up treasures immeasurable somewhere else, for if you have handed back one broken man his morale, if you have filled the belly of one hungry child and caused him to laugh once more—and I am sure that the laughter of contented children is that music to the strains of which the angels dance in heaven—you have gained something money can never buy for you. All rewards are not in cash.—Irvin S. Cobb.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Debate teams of Kansas State college became members of the Missouri Valley debate conference which included Kansas, Oklahoma, Colorado, Texas, Washington, South Dakota, and Drake universities.

For the second time in three years the college stock judging team won the American Royal live stock judging show. Members of the Aggie

Science Must Be Disseminated

David Dietz, Science Editor, Scripps-Howard Newspapers, Addressing American College Publicity Association

I have said something about the role of the newspaper and the lore of the scientist in this new deal, and there remains to say something about the role of the university or the college. That, of course, is where you come in. Most of the scientists of the country are on the university or college faculties. There are a few outstanding men like Langmuir of the General Electric company, and others whom I might name, but in general the scientists are on the university and college faculties. Therefore, it is up to you people to be the liaison officers between science and the newspapers. It is a job that you ought to be proud of. It is a real piece of public service, and it is, I think, a piece of work which is far more important than just merely the advertising of your colleges. If you do the job right you can feel that you have done a piece of real adult education, and a genuine service to the nation.

President Roosevelt has pointed out the need for brains in government in the new deal. I think we all realize that the safety and the future of this nation depend upon a popular realization that you cannot run the country without brains. Brains have to be recognized, and your job is to popularize knowledge and to convince the people that there are in existence these people who have competent knowledge of various subjects, not only in science but in other fields. If there are any old-fashioned members of your faculties who sneer about the public and talk about the good old days when a college professor could be left alone and not be bothered with newspapers, and so forth, you tell them that they are behind the times, and that they had better catch up for their own good. Remind them that every great institution founded for scientific research realizes that it cannot stop with research, but that diffusion and dissemination of scientific knowledge is part of its job. You will find that implied in the title of such organizations as the Smithsonian institution and the American Philosophical society, organizations which have in their full legal title such words as the dissemination of knowledge.

Knowledge cannot be disseminated today without the aid of the newspapers. When a scientist writes a complex paper which is published in some technical journal and read by five hundred or six hundred of his colleagues in other colleges, that new knowledge has not been disseminated. The only real dissemination of scientific news today is through the newspapers. If you are going to do this job of educating the American public it is up to you to see that the science is adequately disseminated.

THANKSGIVING AGAIN

With harvest secure, we again approach the day of our natural Thanksgiving. As in other years, there will be many who will hesitate, pondering over just what individual blessings 1934 has dealt them. May all bitterness and regrets be forgotten in the spirit of the day. It is a time for reflection flavored by a sense of well-being resulting from laden tables in our American homes. Charitable organizations will work overtime to provide those, who might otherwise not feed well, with this sense of well-being.

Tradition tells us of the first Thanksgiving; of the farmer of plain sense who arose before the assembly of Pilgrims met to proclaim another fast-day to be spent in prayer, seeking relief from heaven and laying their wants and distresses before the Lord; of his suggestion that constant meditation and discourse on these subjects kept their minds gloomy and discontented and that it would be more becoming the gratitude they owed the Divine Being if, instead of a fast, they should proclaim a thanksgiving; and of the acceptance of his advice. Throughout successive years, many of them fraught with adversity, this spirit has obtained. Let none of us forget it this year.—Better Crops.

Indeed, what is there that does not appear marvelous when it comes to our knowledge for the first time? How many things, too, are looked upon as quite impossible until they have been actually effected?—Pliny the Elder.

team were R. E. Sears, Eureka; George F. Ellis, Las Vegas, N. M.; Earl C. Smith, Pratt; H. H. Carnahan, Garrison; C. C. Huntington, Eureka, and R. W. Russell, Jewell.

TWENTY YEARS AGO

Miss Lucile Berry, '13, and Max Wolf of Manhattan were married Wednesday, November 4, at Jewell City.

Johann Gutenberg was honored at the first annual banquet of Quill club. Toasts were given by Miss Ada Rice, speaking on "Reminiscences of Mainz;" H. W. Davis, "Original Poetry;" Miss Edna Barber, "The Devil;" Miss Izil Polson, "The College Editor." W. A. Sumner was toastmaster.

THIRTY YEARS AGO

Twenty-nine students played in the college band.

Rabbi Harrison of St. Louis was scheduled by the lecture-course committee for an address on the campus.

The college orchestra had the following members: violin, Miss M. Kahl, Miss M. Lane, C. L. Kipp, H. E. Ferguson; cello, D. Walters; bass, George Wolf; trombone, A. J. Rhodes; cornet, A. J. Cowles; horn, H. E. Bixby; clarinet, F. W. Grabendike; flute, L. W. Lawson; piano, Miss Gertrude Lill; drums, F. W. Winters; director, Assistant R. H. Brown.

FORTY YEARS AGO

Thanksgiving day came on November 29.

President Fairchild shared in the

dedication exercises of the Topeka high school building.

Twelve shaves for \$1 were advertised by Pete Hostrup's barber shop on South Second street.

FIFTY YEARS AGO

The annual session of the Kansas Academy of Science was to be in Lawrence November 24, 25, and 26, according to Professor Popenoe, secretary.

Postmaster A. A. Stewart said the college sent and received more mail than any of the "star routes" which received their mail through the Manhattan postoffice.

AN OLD STORY

Edwin Arlington Robinson

Strange that I did not know him then,
That friend of mine,
I did not even show him then
One friendly sign;

But cursed him for the ways he had
To make me see
My envy of the praise he had
For praising me.

I would have rid the earth of him
Once, in my pride,
I never knew the worth of him
Until he died.

SUNFLOWERS

H. W. D.

NOTHING FOR SURE

Ho hum and alack! Nothing bothers me this morning except the shocking news of some scientists, who investigate things, having found out that the North Pole, like everything modern, has the jitters. It jumps around, they say, sometimes as much as ten feet a day, just like a cricket on the hearth or the day-bed in your den.

It is an age of disillusionment, brethren. Several years ago I learned that the North Star, which even Shakespeare thought was a model of constancy, can be counted on as a true guide to the true north only four or five million years longer. Then and there I transferred my affection to the North Pole—one has to have something, you know—as one thing that was embedded in never-melting ice, one thing that would never desert me. I thought, in the nervous ebb and flow of fortune, I could always point to it and say, "There, ye defamers of the reliability of life and the universe, there is one thing you can always count on. Fashion may change, radiator caps may come and go, true love may not stay on the pavement, morality may shift with geography and the latest Hollywood productions, the Empire State building may be razed tomorrow to make room for a snitzier cliff dwelling, red flannels may wave again; but your old North Pole will always be there, firmly fixed in rock and ice, for Arctic explorers to look for and lecture to ladies about."

And what do I get for my fidelity? Just a story in the papers this morning telling me and the whole world that the North Pole is as fickle as a feather in a fan, that it flits its way here and there in spite of an utterly desolate, frozen environment, that Peary and Cook and even Byrd cannot be sure it is where it is when they see it sticking there.

The North Pole is coy and elusive, the scientists say, like everything else in life. It trips around over the frozen northland just as the geographical center of the good old U. S. A. jumps hither and yon to its monuments in Kansas and Nebraska. And Washington and London, than which no other places on earth are more stationary, change their latitude daily to the extent of sometimes between 54 or 78 (I can't remember which) feet nearer to each other than at others—all because of the way this infirm old earth wobbles on its axis and wimples after the moon just as the impressionable water in the ocean does.

I'm sorry now I ever said anything jeerish about women's hair styles or hats or clothes being frivolous and hard to pin down. I'm sorry I ever growled about moving the piano four times a week and the radio twice daily. I shouldn't have done it. I should have realized that nothing in this old cosmos is stable. Everything has rhythm and jitters. Nothing stays put. The North Pole, whose only excuse for being is to be on the spot, has a whole acre it slithers around in as it pleases.

Maybe, when we get really modern, even death and taxes and relatives will cease to be the cantankerous certainties they have always been.

AMONG THE ALUMNI

Frank Brandenburg, '33, is teaching vocational agriculture in the Fairview high school.

Mildred Tolles, '16, is chief dietitian at the Montana Deaconess hospital, Great Falls, Mont.

F. S. Williamson, f. s. '26, is county engineer of Morris county. He is located at Council Grove.

Dale Vawter, '33, was a recent college visitor. He is with the Union Oil company of North Kansas City, Mo.

Marion Phillips, '33, is with the United States biological survey in the game preserve project at Winona, Minn.

Betty Davison, '34, has accepted a position as staff nurse at the Western Reserve university hospital in Cleveland, Ohio.

Newton Hinkson, '34, is working on a lake project at Seneca, Kan. He is with the Wilson Engineering company of Salina.

Loren N. Allison, '31, and Ida (Snyder) Allison, '29, live in Oregon, Mo. Mr. Allison is an inspector on the Missouri river project. Their address is Box 134.

Earl Domoney, f. s. '28, who is with Consumers Power company, Saginaw, Mich., was a campus visitor last week. He was accompanied by Mrs. Domoney.

Glenn Aikins, '24, is assistant foreman of the butterine department of Armour and company in Kansas City, Mo. His address is Y. M. C. A., Kansas City, Kan.

W. P. Little, '33, has been engaged by the Shell Petroleum corporation on the operation of seismographic surveys and calculations. His address is Chandler, Okla.

Orrin Dutton, '34, is employed with a force of engineers constructing ponds in Cloud county. They have started work on 35 ponds and expect to construct 60 altogether.

Jasen R. Swallen, M. S. '25, is a junior botanist with the United States bureau of plant industry. Mr. Swallen was recently sent to South America to study and collect grasses.

L. W. Baily, '28, is assistant foreman in charge of air circuit breakers for the General Electric company at Philadelphia, Pa. His address is 272 West Greenwood avenue, Lansdowne, Pa.

K. U. Benjamin, '33, writes that he has just received orders for another six months of duty with the CCC camp at Solon, Iowa, where he is a second lieutenant in the officers' corps.

M. E. Paddleford, '29, who is with the Public Service company of Northern Illinois, was a visitor in the electrical engineering department last week. His address is 722 West Adams street, Chicago.

H. M. Wallingford, f. s. '26, is auditor on a civil works administration project for the state highway department. His duties include auditing reports and payrolls and doing some instrument work. He lives at Ashland.

W. S. Hemker, '32, has been transferred from the testing department of the General Electric company at Schenectady, N. Y., to the incandescent lamp department at Nela Park, Cleveland, Ohio. His address is 15100 Terrace road, East Cleveland, Ohio.

Marion W. Stauffer, f. s. '23, and Louise (Mangelsdorf) Stauffer, f. s. '22, live at 721 West Third street, Maryville, Mo. Mr. Stauffer is vice-president and manager of the Forum Publishing company, which publishes the Maryville Daily Forum and the weekly Democrat-Forum and Tribune.

Dr. Edward Schneberger, '28, who has completed his work for a doctor's degree at the University of Wisconsin, has been appointed to the staff of the conservation department of Wisconsin. His new work deals with the biology of fish, especially in the Green Bay region of Lake Michigan.

BIRTHS

Frank Chrisman, '29, and Gladys (McKown) Chrisman, f. s. '30, are the parents of a son, Keith Stewart, born August 3.

Raymond E. Adams and Jessie (Stewart) Adams, '29, of Maplehill

announce the birth of a son, David Stewart, June 16.

Norse Gray, f. s. '28, and Daisy (Ransopher) Gray of Wichita are the parents of a son, Everett Wesley, born November 1.

Dr. O. E. Walgren, '26, and Lucille (Scheidel) Walgren, Platte Center, Nebr., announce the birth of a son, Robert Louis, September 19.

Announcement has been received of the birth of a son, Jack Edward, to Dr. R. W. Jackson, '30, and Mrs. Jackson, Box 93, Frenchtown, N. J., on July 6.

Word has been received of the birth of a son, Robert Owen, to Dr. T. M. DeVries, '30, and Mrs. DeVries, 855 Thirty-fourth street, Altoona, Pa., on June 26.

Dr. Clare C. Baldwin and Bella (Nelson) Baldwin, '18, apartment 304, 509 West 121st street, New York City, are the parents of a son, John Nelson, born October 27.

David Griffith, f. s. '34, and Evelyn (Peffley) Griffith, '27, are the parents of a daughter, Merideth Jean, born November 7. Their address is 314 Union avenue, Knoxville, Tenn.

DEATHS

HOFFER

Karl W. Hoffer, f. s. '12, of Manhattan, died October 31. In recent years Mr. Hoffer operated the Manhattan Typewriter emporium and gave cornet lessons. He is survived by two sisters, Christine (Hoffer) Johnson, '02, and Henrietta (Hoffer) Ross, '02.

MARRIAGES

YOUNG—MERONEY

Marian Irene Young, M. S. '32, and Thomas Nelson Meroney, '30, were married August 12 at Cedar Point. The Meroneys live at 5602 Maryland avenue, Chicago.

TALIAFERRO—ENGLUND

The marriage of Lucy Ramsay Taliaferro and Victor John Englund, '23, took place June 27 in Rock Springs, Wyo. They live at 1112 Walnut street, Rawlins, Wyo.

COMSTOCK—PETERSON

Mary Louise Comstock, Topeka, and Walden Richard Peterson, '32, Topeka, were married June 30 in Lawrence. Mr. Peterson is connected with the Kansas state highway commission.

REED—PARSONS

The marriage of Harriet Reed, '34, and Frank G. Parsons of Manhattan was July 21 at the home of the bride. Mr. Parsons is an assistant in the soils laboratory at the college and teaches agriculture. He also is taking some work at the college.

FREEDLUN—RYCHEL

Marian Freedlun, '33, and Robert J. Rychel, '32, were married August 5. Mrs. Rychel has been employed as assistant Neosho county case worker for the past six months. They live in Almena where Mr. Rychel is teaching science in the high school.

ROBB—SHAFFER

Sara Adella Robb and George Audrian Shaffer, '32, were married June 30. Mrs. Shaffer has been teaching languages and dramatics in the Washburn high school. They live in Tonganoxie where Mr. Shaffer is a materials inspector for the state highway department.

WHITE—SHINEMAN

The marriage of Julia May White, '18, and Samuel W. Shineman, Frankfort, was August 5 at the home of the bride in Manhattan. Mrs. Shineman has been teaching home economics in Kansas since her graduation. They have made their home near Frankfort where Mr. Shineman is a farmer and stockman.

LEE—TSAING

Word has been received of the marriage July 28 of Lily Lee, f. s. '33, and I. Mien Tsang of Java. They were married at the Chinese consulate in New York City. Mrs. Tsang has been doing special work in dietetics at Johns Hopkins university. Mr. and Mrs. Tsang will remain in the United States another year while Mr. Tsang completes work for a doctorate at Johns Hopkins.

LOOKING AROUND

KENNEY L. FORD

From distant Africa P. J. Serfontein writes an interesting letter to Prof. L. F. Payne of the poultry department. Serfontein obtained his master's degree from Kansas State in 1932. His letter:

Blomfontein, Orange Free State South Africa

Dear Professor Payne and members of the poultry department:

How is everybody in the department and around the college? I am in fine health and enjoying life with heaps of work to do. South Africa is a totally different country today from seven months ago. This country was in the throes of one of the most agonizing ordeals in its history. The country was just beginning to recover from the grinding effects of the economic depression when the disastrous drought of the last couple of years reached its climax. Mile upon mile of barren veld, depleted flocks, deserted homesteads, and dejected people testified to the havoc of the great drought. Today all is changed. Rains have re-invigorated the soil and turned the parched fields into green pastures, bringing new life and new hope to thousands of despairing farmers and townsmen alike. South Africa is today at its best and now we can realize the abiding miracle of South Africa's amazing recuperative power.

Providence has lifted the shadows that hung heavily over our country. Not that all the problems have been solved. But the general temper is one of courage and optimism, and it is shared by the townspeople as well as by the rural population. From a slough of despondency into which all forms of trading activity had fallen, South Africa—reacting to its renunciation of the gold standard—was suddenly precipitated into an era of prosperity. Capital which had previously been flowing outward in a steady stream commenced to be returned at a rate which produced an abundant supply of money with credit conditions easier than they have been for years past.

Far reaching and radical as were the general economic effects which followed the linking of South African currency to sterling, the influence which that policy exerted upon the gold mining industry was even more pronounced. Not only did it lead to a period of increased activity, it resulted in new development and wide extensions of its present main boundaries. New unpayable propositions were restored to productivity, while immense reserves of low grade ore could now be treated on a profitable basis. In terms of the revaluated currency, dividend payments distributed by the mines last year were over 50 per cent greater than previously, and, as commodity prices had risen but slightly, this represented virtually a true gain of nearly five million pounds to the money in circulation, approximately 60 per cent of which it is estimated remained in the Union. Under the impetus of these conditions, the wheels of commerce began once more to move.

South Africa is today much better off than any other country in the world, thanks to the gold mines. Our budget showed a surplus of over three million pounds this year. We are expecting good crops. Nature has brought about new wonders in the Kaliharie desert. Lakes and rivers which were without water for the last 200 years are overflowing. They claim that the Kaliharie is today the fisherman's paradise. Nobody can explain their origin. Judging from newspaper reports it seems as if the states are also going through a drought. We had dust storms which lasted for hours, some days it was impossible to see and we had to put lights on in the office. We experienced things unknown to the oldest inhabitants of this country.

Your friend,

P. J. Serfontein
K. S. C., '32.

Kansas State college alumni in Tulsa and vicinity took an active part in celebration of the game between Kansas State and Tulsa October 27. Kansas State alumni had a section in the football parade in the morning. Two wildcats and several cars decorated in the college colors were in the parade. Alumni headquarters were in the Alvin hotel.

The alumni banquet at the Okla-

homa Natural Gas building following the game was served by Miss Maude Stitt, '27. Attractive menus and programs were printed by Claude F. Neerman, '14. Favors in honor of M. F. Ahearn were in the form of airplanes which represented the "Flight of Time," 1904-1934, the period he has been with the college.

Thomas E. Moore, '16, was toastmaster. Short talks were given by Coaches Lynn Waldorf and Wes Fry; Dr. H. H. Haymaker, '15; H. E. Butcher, '14, and Dean L. E. Call. M. F. Ahearn gave the principal talk. Janice (Reel) Erickson, '29, played a violin solo. Harry Erickson, '27, author of "Wildcat Victory," told how he happened to write the song. The meeting closed with a talk by Kenney Ford, '24, who was assisting Tulsa alumni in forming a club. The club elected these officers: Thomas G. Storey, '21, president; Thomas E. Moore, '16, vice-president, and Maude E. Stitt, '27, secretary-treasurer.

The following attended the alumni dinner:

M. Alice Nelman, '18, 24 East Seventeenth, Tulsa; L. E. Call, federal land bank, Wichita, Kan.; Clara (Willis) Call, '08, Manhattan; Virginia Ann (Layton) Orman, '16, Tulsa; F. P. Root, '14, Manhattan; Clara Cramsey, '22, Tulsa; Kenney L. Ford, '24, Kansas State college; C. W. Brion, '27, Tulsa; J. A. Lupper, '07, Tulsa; H. H. Haymaker, '15, Manhattan; M. F. Ahearn, M. S. '13, Manhattan; T. E. Moore, '16, Tulsa; Martha Foster, '26, Maude Stitt, '27; Janice (Reel) Erickson and Harry E. Erickson; B. L. Remick, '29, all of Tulsa; Harriet (Vandivert) Remick, '27, Manhattan. G. C. Bailey; John H. Ewert, '27; R. D. Turk, '33, and F. G. Hartwig, '16, both of Oklahoma City; E. E. Fauchier, '30; Thomas G. Storey, '21; C. M. Scott, '12; Claude F. Neerman, '14; Bess (Brown) Neerman, '15; Raymond Kerr, '13; Lavina Waugh, '24; Thelma (Sharp) Joslin, '26; A. M. Butcher, '16, and Hazel (Richardson) Butcher; Harry E. Butcher, '14, and Lois (Lightcap) Butcher, and Harry E. Butcher, Jr., all of Tulsa; William Smith, '33, Hoisington, Kan.; Ralph Lashbrook, '29, Kansas State college; Charles D. Thomas, '17, and Helene (Held) Thomas, '16, Tulsa; and Lee R. Thomas, '18, Baxter Springs, Kan.

Sixty Kansas State college people, including faculty members, friends, and alumni, attended an alumni meeting on the roof garden of the Hotel Kansas, Topeka, Friday evening, November 2. Lester B. Pollom, '13, state supervisor of vocational education, was in charge of arrangements. Ferdinand Voiland, Jr., '25, was toastmaster.

The program opened with the singing of Alma Mater. Each one present introduced himself. Kenney Ford, '24, alumni secretary, made a few remarks about the alumni association, and Mike Ahearn, M. S. '13, director of athletics, gave an interesting talk on football at Kansas State college.

The following registered at the meeting:

Myrtle A. Gunselman, '19; Dean and Mrs. E. L. Holton, Professor and Mrs. R. R. Price, all of Kansas State college; W. F. Hearst, '23, Alma; E. I. Chilcott, '27, and Burnette (McMichael) Chilcott, f. s. '22, Carbondale; Vera Lindholm, '27, Clay Center; Albert W. Miller, '29, and Mrs. Miller, Cottonwood Falls; Earl Means, '23, Everest; Merle W. Allen, '33, Fort Scott; William E. Aslack, '18, Lawrence; B. J. Miller, '24, Piedmont; Laurene Parker, M. S. '29, Pittsburg; Louise Chalfant, '33, Rose Hill; V. E. Fletcher, '27, St. George; L. J. Schmutz, '25, Wakefield; Fritz G. Knorr, '32, and Mrs. Knorr, Waterville; Florida J. Wilcox, f. s. '28, Wichita; Grace I. Zeller, '31, Winchester; Mrs. Kenney L. Ford, '24, Manhattan; and the following from Topeka: George R. Anderson, '24, and Mrs. Anderson, Adalia; Bachel, f. s. '21; Clifford Black, '34; Frank S. Burson, '34; Eugene F. Collins, '34; Charles Hadley, '22, and Georgia (Crimfield) Hadley, '22; Carl L. Howard, '20; Doctor Hunter, and Renna (Rosenthal) Hunter, '23; A. G. Kittell, '09; Ora McMillen, '16; Charles L. Marshall, '27; Ida (Rigney) Migliario, '09, editor of Household Magazine; Guy A. Murray, '24; Lester Pollom, '13, state board of vocational education; Titus, '16, director of Household Searchlight; Katherine A. Tucker, '12; Ferdinand Voiland, Jr., '25; Emil von Riesen, '25, and Marian (Gregg) von Riesen, f. s. '25; J. H. Whipple, '04; Rex E. White, '29; W. W. Wright, '17, and Dorothy (Zeller) Wright, '27, and J. C. Powell.

Kansas State college alumni met in Stillwater, Okla., October 2 with Dr. J. T. Willard. Doctor and Mrs. Willard stopped in Stillwater while making an automobile tour of the southern states. Carl P. Thompson, '04, who had charge of the program and meeting, writes that there was good attendance and that everyone enjoyed meeting Doctor and Mrs. Willard.

The following were present at the meeting:

William P. Albright, M. S. '30; Alta (Handlin) Blizzard, '14; Earl F. Burk, '22, and Helen (Ferguson) Burk, f. s. '22; Alexander C. Cobb, '88; Claud E. Cross, '21, and Mrs. Cross; Leslie E. Hazen, '06, and Mrs. Hazen; Anna May Johnson, '23; Harry L. Kent, '21, and Mrs. Kent; Paul C. McGilliard, '16; Mary Frances Reed, '28; Beulah Shockeey, '29; Grace A. Steininger, '25; Carl O. Thompson, '04, and Mrs. Thompson; Rollo E. Venn, '27; Fred E. Whitehead, '24, all of Stillwater; William Knipe and Mrs. Knipe; Dr. and Mrs. H. G. Bennett, and D. P. Hervey, '24.

Elsie Miller, '34, is teaching home economics at Marion this year.

RECENT HAPPENINGS ON THE HILL

The new student directory is being distributed on the campus. Howard Moreen, Salina, was its editor this year.

Medal play in intramural golf was won by Charles Johnson, Delta Tau Delta, with a score of 77. This is the first year golf has been included in the intramural program at Kansas State college.

Dean Margaret Justin has left for the east and will be absent from the campus until December 1. She will attend the land-grant college conference meeting in Washington and the A. A. U. W. conference.

Plans are being made for the all school dance at the Wareham ballroom Saturday, sponsored by the students of the division of veterinary medicine. Peewee Brewster's band has been engaged for the evening.

What cuts of meat are best for the price and what factors affect the palatability and cost of the roast is being determined in an experiment carried on in the kitchen of Van Zile hall by Miss Luella O'Neil, graduate assistant there.

Dr. F. L. Duley, director of the soil erosion project at Mankato, met with local members of the advisory board in Manhattan Tuesday. He was accompanied by John S. Glass, W. S. Speer, and C. H. Aicher, who also are connected with the project.

The series of Y. W. C. A. sponsored radio programs, inaugurated last week, is furnishing an opportunity for students who are interested in radio work to develop their talent. The programs are planned to better acquaint the public with the work of the Y. W.

Prof. R. I. Throckmorton, head of the department of agronomy, has returned from his trip to Vera Cruz, Mexico, where he has been inspecting land in the interest of a group of Kansas investors to determine its agricultural value and its capacity for intensive farming.

After giving a talk to the clothing classes in Calvin hall in which she interpreted the French fashion mode of 1934 to make it applicable to American people, Miss Donna Bixby, a woman's magazine representative, visited the clothing classes and approved the use of professional methods to develop designs. Miss Bixby recently returned from studying fashions in Paris.

Pi Beta Phi placed first in the Royal Purple sales contest, which ended last week. Delta Delta Delta placed second, and Kappa Kappa Gamma third. As a result Pi Beta Phi will be allowed 11 candidates in the contest for the 1935 Royal Purple Beauty Queen. The Tri-Delts will have eight entrants and the Kappas seven. The candidates will parade their charms at the Royal Purple Beauty ball December 15.

Eighteen visiting high school bands added color at the Parents' day game Saturday. After a parade before the game they marched around the stadium playing "The Star Spangled Banner" in unison. During the half, the McPherson band, state champions for the past four years, and the Atchison band maneuvered smartly on the field. Lack of time prevented the Salina band's performance. A member of the Topeka group entertained the crowd with clever baton handling while the Aggie band played.

Former Faculty Member Dies

Helen Bishop, who was a member of the faculty of the home economics division here from 1922 to 1927, died November 4 in Ames, Iowa, where she had been head of the home economics department of Iowa State college for five of her seven years there. In Kansas State college she had supervised the practice houses in addition to teaching. Her death was caused by cancer, for which she had had two operations, the first two years ago. At her death she was 47 years old. She was a graduate of Millikin university, and had taught in the schools of St. Louis, Oklahoma City, and the National School of Domestic Art and Science, Washington, D. C. She was regarded as an authority on food and home management.

WILDCAT POWER CRUSHES MISSOURI'S LOWLY TIGER

WALDORF USES 30 MEN IN 29 TO O VICTORY OVER CARIDEO'S CREW

Ayers, Stoner, and Warren Cross Goal with Aid of the Determined Wildcats Who Turn on Power Early and Keep It on

BY H. W. DAVIS

Thirty members of Lynn Waldorf's 1934 football revue cast triumphed over Frank Carideo's Missouri Tigers last Saturday afternoon on Ahearn field by a count of 29-0, four touchdowns, three kicks for the seventh point, and one safety being the items. The game was marked by long runs, Aggie power, and Tiger inability to cope with the situation.

The Missouri gridsters seemed still to be under the slump that hit them at Oklahoma university a week earlier, and the Wildcats seemed to be inspired with a determination to turn on the power and keep it on, a trick which all their supporters hope they have learned for keeps.

SCORELESS FIRST PERIOD

But even at that the pupils of Waldorf and Fry waited until the very end of the first quarter to set themselves in motion, the opening session being a drab affair with nobody going places. A minute or two before the pistol-shot, Elder and Ayers got warm and lugged the pigskin from State's 19-yard line to Missouri's 23.

Benefiting momentarily by the one-minute rest the Tigers held for downs on their own 15-yard marker. On the first play Griffing tossed Angello for a 7-yard loss. Biggs gained back five of it and then Angello punted out on Missouri's 36. Then Ayers skirted Missouri's left end, trickled easily through the secondary, and fell for five yards to the first touchdown. Not many minutes later Stoner, from the State 35-yard line, smashed through the right side of the Tiger forward wall, outran the secondary to the sideline, thence due south to another touchdown. His toe had added a point for Ayers' touchdown, but could not do as much for his own.

WALDORF USES MANY MEN

After a few minutes of warming up in the second half Elder and Ayers placed the ball on the Tiger 12-yard marker, where Elder was hurt and retired in favor of Warren. Ayers and Warren alternated in four attempts, on the last of which Warren went over. At the close of the third period the same two gentlemen, aided and abetted by Churchill and H. Kirk, progressed to the Missouri 5 and on the fourth play of the final quarter Ayers cut back through left tackle for one more touchdown. That was about all except that Waldorf substituted an entirely new combination and very late in the game Peters downed White back of the Tiger goal line for a safety. White wanted to pass, but all his receivers were smothered.

This Saturday it's Oklahoma at Oklahoma, with every guess in favor of a terrific battle.

The starting lineup and statistics:

Missouri	Pos.	Kansas State
Powell	LT	Churchill
R. Miller	LT	Maddox (C)
Bland	LG	Holland
Caldwell	C	Griffing
Sceone	RG	Sundgren
C. Miller	RT	Fanning
Grenda	RE	Hays
Lawhorn	QB	Armstrong
Angello	LB	R. Kirk
Post	RB	Stoner
Houston	FB	Elder

Kansas State	Missouri
First downs	23
Earned	21
Yards on passes	17
From penalty	4
Yards from scrimmage	453
Passes attempted	7
Passes completed	1
Passes, yards gained	17
Passes intercepted by opponents	2
Yards returned intercepted passes	47
Penalties	6
Penalties total yards	60
Yards lost in scrimmage	1
Punts	9
Punts total yards	330
Kickoffs	3
Kickoffs total yards	132
Return of kickoff yards	59
Fumbles	3
Own fumbles recovered	0
Kansas State	0 13 7 9-29
Missouri	0 0 0 0-0

Scoring touchdowns—Ayers 2, Stoner, Warren. Safety—Peters, Kansas State, tackled White, Missouri. Points after touchdown—Fanning 2. Placekick—Stoner 1.

Officials—Ed Cochrane, Kalamazoo, referee; Dwight Ream, Washburn, umpire; Reeves Peters, Wisconsin, head linesman.

Substitutions: Kansas State—Freeland for Hays, Plenthorpe for Fanning, Ayers for Armstrong, Peters for Churchill, Edwards for Elder, Wassberg for Griffing, Henry Kirk for Stoner, Sceone for Maddox, Cardarelli for Holland, Lander for Ayers, Zitnik for Freeland, Tannahill for Sundgren, Dileo for Bob Kirk, Armstrong for Lander, Warren for Elder, Freeland for Hays,

Abbott for Henry Kirk, Edwards for Warren, Peters for Churchill, Lang for Bob Kirk, Tannahill for Holland, Lander for Ayers, Cardarelli for Sundgren, Nelson for Fanning, Zitnik for Freeland, Sceone for Maddox, Whearty for Wassberg, Dileo for Lang, Lane for Nelson.

Missouri: Biggs for Houston, Finkel for Sceone, Bourne for Powell, Orr for Caldwell, Londe for Lawhorn, Mason for Miller, Castle for Grenda, Miller for Saldofski, Carideo for Londe, Caldwell for Orr, Bourne for Powell, Grenda for Mason, White for Angello, Londe for Carideo, Biggs for Combs.

WARNS PARENTS THAT SHOES, BADLY FITTED, DEFORM FEET

Specialist Urges Waterproofing Boys' Boots, Having Clothes-pin Hangers for Child's Rubbers

"One pair of poorly fitted shoes may deform feet so that no shoes thereafter fit satisfactorily," said Miss Loretta McElmurry, clothing specialist, in a recent talk at the college on "Home Care and Repair of Shoes." "All footwear should be well fitted. Shoe repair shops are now equipped to make over-shoes to greater length and width. A shoe should be tested for proper length and width of heel and toes, with correct fit around the instep and ankles," Miss McElmurry said.

"Small children who are not healthy and active may need high uppers to support ankles and keep the feet and legs straight," she continued. "For the school boy sturdy boots are best. While the shoes are new, have United States department farmers' bulletin number 1523, 'Leather Shoes Selection and Care' handy for this boy to read. You can obtain this free by writing to our college bulletin room, extension division. It contains formulas for making oil mixtures for waterproofing and tells when and how to use them.

"Great harm results when the leather soles of girls' lightweight shoes become thoroughly wet. If soles are lightly oiled on the upper side of the soles when shoes are shined, the linen thread does not absorb water. In this way one keeps the stitching whole. Wet shoes should be wiped well and stuffed with old cotton or shaped with shoe trees. Do not hurry the drying," warned Miss McElmurry. "Timely repairs are always important economy, so watch your heels and keep them in good order. A broken lining inside the heel can be made smooth with layers of gummed paper.

"Rubber shoes keep footwear neat, orderly, and whole. All rubber footwear should be coated rather frequently with a quick-drying, light shellac to protect them from oil, milk and barnyard acids. Mothers should teach children to respect the right and left foot and to wear their rubbers correctly, otherwise rainy weather will find them stuck in the deep mud with stretched rubbers. A spring clothes-pin hung from a hook where the wraps are hung will aid the child to keep rubbers from being mixed or worn by others.

"Dust off shoes and shine them regularly as the wax in polish fills the pores of the leather and keeps it from cracking.

"Try nailing an old fashioned scrub brush, wood side down, to the back porch or step and notice how it saves floors and shoes," she suggested in conclusion.

Plan Science Meeting

Dr. George E. Johnson of Kansas State college is already making arrangements for the sixty-seventh annual meeting of the Kansas Academy of Science, which will be held at the University of Kansas March 28 to 30, 1935. Doctor Johnson is secretary of the academy. Arrangements in Lawrence are being made by a local committee of which Dr. Walter E. Schoewe of the University of Kansas is chairman. Those in charge hope to secure a well known out-of-state scientist to lecture the evening of March 29.

Sheet Metal Hard to Attach

Sheet metal is most commonly used on implement and hay sheds and similar buildings with large openings. The fact that these buildings are of open construction makes the problem of attaching wall and roof materials even more difficult because of the wind pressure from both outside and inside. Walter G. Ward, Kansas State college extension service rural architect, points out that the tendency for the metal sheets to whip in the wind is very marked if the supports are wide spaced. Metal fastened on wide-spaced supports must be re-nailed occasionally.

THE TURK OF TODAY NOT TERRIBLE, WHITE SAYS

MUCH LIKE REST OF HUMAN RACE, HE HAS FOUND

Kansas State College Graduate Tells of Work in Near East Teaching Agriculture and Developing Farm Crops and Livestock

The Turk of the present was pictured in noon forum last Wednesday by Raymond F. White, '21, as very like the rest of the human race, and no more deserving of the adjective "terrible." His talk, however, he had ironically entitled "The Terrible Turk."

Mr. White has been head of the agricultural department of International college, Ismir, Turkey, for six years. His special concern there had been to introduce purebred cattle and poultry into the country and to get certain feed crops acclimated. All such crops, he said, must be grown in the winter, their rainy season, as the summer is too dry.

Military men are the most highly regarded class, he told his audience. The people are willing to follow a leader and Mustafa Kemal is a good leader; therefore they are glad to follow him. Mr. White told briefly of the career of this man, whom the people call the Ghazi, or victor. The people's low standard of living, their simple food, their love of sitting idly in the coffee houses, chatting, smoking, drinking coffee, he touched upon briefly.

"Turkey has shown greater progress in education in the last 10 years than any other country in the world," he declared, as he told of the revolutionary shift from the Arabic to the Latin alphabet. Questioned as to religion, he replied, "There is religious liberty theoretically, but actually it is merely liberty to be a Moslem! The majority of the young people are unreligious—influenced by Russia. They look to France for leadership in literature and the arts."

HONOR DANCE ORGANIZATION INVITES 25 NEW MEMBERS

Chooses Miss Janet Wood as Faculty Advisor

Enchiladas, national honorary aesthetic dancing organization, has extended invitations to 25 girls to become members. They are: Oda Mae Tracy, Salina; Ivernia Danielson, Manhattan; Nadine Wallace, Manhattan; Keeta Strong, Holsington; Dorothy Teichgraeber, Marquette; Sarah Garrison, Parsons; Kathryn Black, Council Grove; Wilma Womer, Topeka; Mary Porter, Mt. Hope; Margaret Wyant, Topeka; Monica Harris, Parsons; Janet Murdock, Wichita; Ruthana Jones, Garden City; Donna Johnson, Cleburne.

Donalda Keeney, Lucas; Alice Barrier, Topeka; Pauline Crawford, Luray; Dorothy Sewell, Coweta, Okla.; Eleanor Wilkinson, Humboldt; Mary Niestadt, Wilmette, Ill.; Hazel Lovingood, Maryville, Tenn.; Mabel Brasche, Volland; Charlotte Penny, Manhattan; Miriam Rogers, Cedar Rapids; and Cleo Wilson, Manhattan.

Janet Wood of the physical education department has been chosen faculty advisor.

Buying More Kansas Livestock

Kansas has been allotted an additional \$83,300 for the purchase of cattle in drought stricken areas. This amount is expected to cover the purchase of approximately 5,500 head. News of the additional fund was received recently by the Kansas State college extension service.

PROGRESS OF KANSAS PRESS F. E. C.

The Richmond Enterprise carries a column of short paragraphs on world-wide news. Nicholas Chamblin is editor.

Mrs. Helen Riddle Smith devoted the entire front page of the Marion Review of November 7 to election results of county and state.

William A. Sears, editor of the Leon News, was assisted by the Leon W. C. T. U. in putting out a 16-page campaign issue November 2.

W. J. Dieker, editor of the Hanover Democrat, recently underwent an appendicitis operation. B. J. Dieker owns the Democrat which is operated by his sons, W. J. and L. E.

Football Schedule, 1934

Sept. 29—Kansas State 13, Fort Hays State 0.
Oct. 6—Kansas State 13, Manhattan college, N. Y., 13 (tie).
Oct. 12—Kansas State 20, Marquette university 27.
Oct. 20—Kansas State 13, University of Kansas 0 (Homecoming).
Oct. 27—Kansas State 0, Tulsa university 21.
Nov. 3—Kansas State 14, Washburn 6.
Nov. 10—Kansas State 29, Missouri university 0.
Nov. 17—Oklahoma university at Norman.
Nov. 24—Iowa State at Manhattan.
Nov. 29—Nebraska university at Lincoln.

FOOD HABITS TODAY WISER THAN THOSE OF NINETIES

Nutrition Specialist Approves Light Breakfast, Simple Lunch—Emphasis on Fruits, Soups, Raw Vegetables

American food habits have been radically changed in the last quarter century, in some ways for the better, according to Dr. L. Jean Bogert, who was in the Kansas State college department of foods and nutrition from 1919 to 1922.

The changes for the better are:

1. Eating breakfast regularly, but not eating too much at this meal.
2. Making lunch or dinner from simple easily digested foods.
3. Eating considerable fruits, especially for breakfast.
4. Tendency to use lighter desserts (such as dried or fresh fruits, nuts, cheese, simple puddings).
5. Tendency to use more soups, especially thick soups, made with milk and vegetables.
6. Tendency to more liberal use of salads.
7. Tendency to more use of leafy and succulent vegetables.
8. Use of some organ meats—kidney, liver, heart.
9. Use of some whole grain products.
10. Taking more raw foods.
11. Taking more foods which need chewing.

Some bad dietary habits, however, still remain, she says, and they are supplemented by other newly acquired unwholesome practices:

1. Eating too much.
2. Eating too much meats, sweets, concentrated and refined foods.
3. Failure to appreciate less highly flavored foods.
4. Failure to use sea foods and less expensive cuts of meat.
5. Extravagant use of some expensive foods—poultry, meat, butter.
6. Using too little milk, cheese and leafy vegetables.
7. Excessive fondness for hot breads, rich desserts, cold foods, soft drinks.
8. Drinking too much coffee.
9. Taking insufficient lunch (or breakfast).
10. Eating too fast.

BOXING PROSPECTS GOOD—THREE LETTERMEN RETURN

Squadmen and Freshmen from Last Year Are Promising

With three lettermen, a large number of squad members from last year, and a promising group from last year's freshman squad, prospects for the 1934 Kansas State boxing team appear bright to Coach B. R. Patterson.

Lettermen available this year are Captain Art Boeka, Colby, 160 pounds; Pete Sherar, Latham, 135 pounds; and Joe Zitnik, Scammon, heavyweight. Don Gomez and Cliff Scott will be lost to the squad this year.

Former squad members reporting include George Garrison, Goodland, 135 pounds; Walter Hines, Ashland, 135 pounds, and Dick Hamilton, Washington, 118 pounds.

The outstanding men who were not eligible last year are Red Hemphill, Chanute, 160 pounds; Ivan Thomas, Garden City, 160 pounds. Outstanding freshmen are Bert Thompson, E. F. Dressler, and Ralph McAninch, all of Manhattan; and F. C. Hund, Leavenworth.

WILDCATS AND SOONERS ARE TIED IN LONG SERIES

WILL PLAY TWENTIETH GAME IN NORMAN SATURDAY

Each Has Won Eight, Three Games Were Ties—Waldorf Gives Sooners Edge, Pointing to Superior Kicking and Passing

The Kansas State Wildcats will meet as stiff an assignment as any this season when they line up against the Oklahoma Sooners in Norman Saturday afternoon. That is the assertion of Coach Lynn Waldorf and he says he isn't forgetting Marquette, Tulsa, nor Nebraska when he makes the statement.

Oklahoma has the best kicking game in the Big Six or anywhere else in this territory, according to Waldorf, Page, Gentry, and Hughes are all fine kickers—better than the Wildcats can show. The Sooners also excel at passing.

"The edge goes to Oklahoma on defense, too," the Kansas State coach declared. "They have a weight advantage in the line and right now are in their heyday of strength. I can't see that we have even a fifty-fifty chance to win."

USED 30 AGAINST TIGERS

Waldorf and his backfield coach, Wes Fry, were pleased with the showing their reserves made against Missouri. They used 30 men against the Tigers. This looked good until they observed that Oklahoma used 33 against Missouri. Both teams defeated Missouri but again the advantage is in favor of the Sooners. They made five touchdowns, the Wildcats made four.

Pointing to the Sooner defense Waldorf called attention to the way Iowa State was held. The Cyclones made 41 yards from scrimmage but lost 31 for a net of 10 and only two first downs. They completed no passes and had three intercepted. This was the same team which ran wild over Iowa university and gained plenty of yardage against Nebraska.

LAST WIN AT NORMAN IN 1926

The Kansas State squad will leave Manhattan Thursday night, arriving in Oklahoma Friday forenoon. About 26 players, including possibly some new faces, will make the trip.

The game Saturday, which will round out 20 years of football relationship, will be the "rubber" of the all-time series, each team having won eight games.

During the eight years Charley Bachman coached at Kansas State the Oklahoma eleven did not win from the Wildcats, but not until the fourth appearance of the Bachman team at Norman was Kansas State able to win. The first three were 7 to 7 ties, and the fourth, in 1926, stood 12 to 12 until the late Dewey Huston went in with two minutes to play and kicked a 15 to 12 victory. That was the last Kansas State has won at Norman.

Big Six Standings

	W.	L.	T.	Pct.	Pts.	Op.
Kan. State	2	0	0	1.000	42	0
Nebraska	2	0	0	1.000	13	6
Oklahoma	2	1	1	.625	50	13
Iowa State	1	2	1	.375	19	19
Kansas U.	0	1	2	.333	7	20
Missouri	0	3	0	.000	0	83

Big Six Scores

Kansas State 29, Missouri 0.
Nebraska 6, Pitt 25.
Oklahoma 12, Iowa State 0.
Kansas U. 13, Washington U. 0.

GAMES THIS WEEK

Kansas State vs. Oklahoma at Norman.
Nebraska vs. Kansas U. at Lawrence.
Iowa State vs. Drake at Ames.
Missouri vs. Washington U. at Columbia.

TWO-MILE TEAM WINS THIRD STRAIGHT, DEFEATS MISSOURI

Nebraska and Drake Also Lose to Kansas State Two-Milers

The two-mile team of Kansas State college scored its third straight victory of the season by defeating the two-milers from the University of Missouri Saturday by the score of 23 to 32.

George Hardy, Missouri, finished first with William Wheelock and Justice O'Reilly, both of Kansas State, close second and third, respectively. Others finished in this order: Robert Beasley, Missouri; C. E. Robinson, Kansas State; George McColm and Harold Redfield, Kansas State; Donald Hayden, William Severns, and William Yates of Missouri. Hardy was timed at 9:54.

Other victories for the team were 20-35 over Nebraska university, and 26-29 over Drake.

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Number 10

REQUESTS REGENTS TO RETIRE STAFF MEMBERS

SEEKS TO PROVIDE FOR SUPER- ANNATED FACULTY

**Recommends Retirement at 65 for Those
Who Have Served 25 Years or
More—Seeks Permanent
Policy**

Stating that the problems incidental to old age among faculty members are growing more important year by year, President F. D. Farrell recommended to the board of regents in his biennial report that provision be made to retire superannuated members of the staff.

"In general it is desirable that faculty members be retired at age 65—as they are in some of the leading colleges and universities of the country—or certainly at age 70," the report read.

INCREASINGLY IMPORTANT

"The problems of superannuation tend to increase as the college grows older," Farrell explained. "After age 40 or 45 the older a faculty member becomes the less likely he is to receive attractive offers from other institutions. That the resignation rate diminishes after age 40 is indicated by the data on resignations from the college staff during a ten-year period ended June 30, 1933.

In this ten-year period the resignations from the entire staff-resident instruction, research, extension, clerical and mechanical—numbered 568. Of the 568 persons who resigned only 19, or about three per cent, were 50 years old or older while 482 or about 85 per cent were below age 40. Persons resigning from the resident teaching faculty during the ten years numbered 284. Of these only nine, or three per cent, were 50 years old or older while 252 or 88 per cent were below age 40. The resignation rate diminishes rapidly after age 40 and almost reaches zero at age 50.

EIGHT MEMBERS ELIGIBLE

"Every state educational institution should have a definite retirement policy involving contributions to a retirement fund by both the state and the staff members. Until such a policy is established in Kansas the difficulties caused by superannuation among faculty members will become increasingly acute. To take care of the situation pending the establishment of such a policy it is recommended that the legislature be requested to authorize the state board of regents to retire any faculty member who is more than 65 years old and who has served the college for 25 years or longer at one-half the average annual salary received by the person retired during the five years immediately preceding the date of his retirement.

"If this recommendation were adopted, its application to the eight faculty members who would be eligible for its provisions on July 2, 1935, would cost a maximum of \$12,448 a year. Certainly not all faculty members would be retired as soon as they became eligible for retirement. It is improbable that the annual cost would exceed \$7,500. This charge upon the salary appropriation would be small in comparison with the increase in efficiency that would result from the replacement of the persons retired by vigorous young persons."

SEMINAR PROGRAM SERIES ANNOUNCED BY AGRONOMISTS

Addresses on Soils, New Deal, and Botany Included

A series of agronomy seminar programs to be held at the college from December to March has been announced. A series of addresses on soils will be held during December and early January.

In January and early February the topics for discussion will be on "Agronomy and the New Deal," while later in February and early March there is scheduled a botanical series.

Seminar programs scheduled in the soils series are:

December 3.—Biological tests for soil deficiencies, by Asst. Prof. H. E.

Myers, department of agronomy. December 10.—Chemical methods applied to the diagnosis of soil deficiencies, John Latta, assistant in soils, department of agronomy.

December 17.—Phosphorous solubility as affected by various ions, reaction and other soil factors, Dr. A. T. Perkins and E. J. Benne, department of chemistry.

January 7.—A proper balance between field, greenhouse, and laboratory investigations in a soil research program, Prof. R. I. Throckmorton, department of agronomy.

CALLAHAN TALKS ON FOUR BOOKS PUBLISHED IN 1923

**Runaways to Brazil, Farmers, Marines,
Railroad Builders Celebrated in
Novels, Biographies of Year**

Two novels and two autobiographies were chosen by Prof. J. P. Callahan for his lecture November 13, in the third of this season's English series. "The Able McLaughlins," by Margaret Wilson, Pulitzer and Harpers prize winner of 1923, and "A Lost Lady," by Willa Cather, were the novels. "Escapade," by Evelyn Scott, detailing experiences of an American couple in Brazil, and "Through the Wheat," by Thomas Boyd, relating war time adventures of an American marine, were the two autobiographies.

Professor Callahan spoke of the Cather book as a good novel to give readers the atmosphere of Nebraska in the days of railroad building. The frankness, clarity, and vividness of Miss Scott's book, the humor and character work of Miss Wilson's novel he commented upon. Professor Callahan said that much of his interest in "Through the Wheat" was due to Boyd's experiences in the marines so closely paralleling his own in the regular army; Boyd joined at practically the time Callahan did and they were mustered out within a month of each other.

"All peace leaguers should read the book," he declared, "for they would then realize that men who have been through the filth, dirt, and hardship of a war would never precipitate another one. The causes of wars are far back of the soldiers." Professor Callahan told of various of his own experiences which convinced him of the truth of the story as told by Boyd.

Miss Anna Sturmer lectured last night on Croce's "Conduct of Life" and the anonymous "Literary Spotlight"—volumes which came out in 1924. "That year was not one of great fiction," said Miss Sturmer. "It was, however, important in the field of criticism."

Prof. Charles Matthews will speak next Tuesday night on books of 1925, one of which is to be Eugene O'Neill's "Great God Brown."

N. A. CRAWFORD TO ADDRESS ASSEMBLY ON LITERATURE

**Former Journalism Head To Show Place
of Books in Modern Life**

Nelson Antrim Crawford, editor-in-chief of the Household magazine, Topeka, will address student assembly tomorrow afternoon at 2 o'clock. The place of literature in modern living will be the subject of his discussion.

Mr. Crawford was on the faculty of Kansas State college from 1910 to May, 1925, first in the English department and then in journalism. He was head of the latter department from 1915 on. As poet, novelist, editor, and lecturer he has had national recognition.

Discusses Indian Art

Miss Louise Everhardy of the department of art gave three lectures last week on Indian art. "Black Pottery of San Il De Fonso" was the subject of her talk at senior high school. The P. T. A. at Roosevelt school heard "Navajo Mother" and at St. Marys Miss Everhardy discussed "Pueblo Pottery." There are many more lectures scheduled for Miss Everhardy this winter on her favorite theme of Indians.

COLLEGE STUDENT TELLS OF VAGABONDING ON 'BIKE'

**GEORGE HART TOURS EUROPE
WITH YOUTH GROUP**

Mountain Climbing, Bicycling, Hobnobbing with Native Youth, Attending Paris Opera in Doormen's Uniforms, Part of Adventures

Mountain climbing, bicycling, fraternizing with the youth of Europe, attending the Paris opera in doormen's uniforms were part of the adventures related by George Hart, sophomore student, in last Wednesday's noon forum in Thompson hall. His subject was "Vagabonding Through Europe."

Hart was one of the 36 American charter members of the international Youth Hostel association, now in its seventeenth year, comprising young people of 23 countries, who are banded together to bring international understanding and friendship. A branch was organized last year in the United States. The 36 young people of the group ranged from lower middle class to wealthy, from junior high age to that of a Yale university graduate, Hart said. It included one Negro, a brilliant music student of the Eastman School of Music, Rochester, because of whom the group had difficulties in some European countries.

Their stay at a youth hostel which is a castle in one German city, their contacts with the youth of the country, hearing and seeing the festivals, Schiller plays, the Oberammergau Passion play, Mr. Hart told of in some detail. "We found the youth of Germany serious, informed on public affairs. It would keep American young people humping to keep up with them," he commented.

The group crossed into Austria the next day after the assassination of Dollfuss. In Paris they were at first not permitted to attend the opera because of their sports attire, but a doorman took pity on them and outfitted them in uniforms of some of his fellows so that they might gain the coveted admission. Hart told briefly of farming methods, and dress of countries visited.

Staff to Topeka Meeting

Members of the college staff had an important part in the meeting of the state board of agriculture in Topeka Saturday. The program in-

cluded: "Forecasting the Yield of Winter Wheat Seven Months Prior to Harvest," by Prof. H. J. Henney of the department of agricultural economics; "Tree Rings as Records of Weather Phenomena," by Prof. R. J. Barnett, department of horticulture; "Long Time Records of Kansas Weather," by S. D. Flora of the U. S. weather bureau, and "Sunspots and Weather Cycles," by Dr. Dinsmore Alter, department of astronomy, University of Kansas. Prof. C. H. Scholler and W. C. Hulburt of the Kansas State college staff also attended the meeting.

'WOMEN'S MAGAZINES DON'T WARN US OF BAD BARGAINS'

**Miss Gungelman Tells Where to Go for
Accurate Information for
Buyers**

Study such magazines as Consumers Research, Consumers Guide, Journal of Home Economics, and American Economic Review in order to buy wisely and to understand better the economic and social factors outside the home which influence what you get for your dollar, Miss Myrtle Gungelman, of the department of household economics, recently advised a group of young matrons of the A. A. U. W.

"Problems of consumption have been complicated by urbanization, new inventions, and higher standards of living developed in a pecuniary society," she said. "The consumer needs to know the truth about what he is buying so that he can spend his money with his eyes open. Labels bearing such information should be in plain sight on all manufactured products. The Pure Food and Drug act is badly in need of revision and should be replaced by a law which will protect the consumer and the honest man in business as well."

Miss Gungelman emphasized the point that women's magazines are not cooperating with the consumer by warning them of bad bargains.

Publications which do aid the consumer are "Consumers Guide," A. A. A., Washington, D. C.; "Consumers Research," Consumers Council, Washington, N. J.; "Journal of Home Economics," American Home Economics association, Baltimore, Md.; "American Economic Review," American Economic association, Northwestern university, Evanston, Ill.

NEW CHAIRS FROM OLD ARE MADE POSSIBLE THROUGH HOUSEHOLD MANAGEMENT PROJECT

"Save a Chair" is the slogan for the campaign which is part of a household management project for farm bureau women of Kansas. It is the aim of these women to have in the home a comfortable chair for every member of the family.

Miss Mary Elsie Border, home demonstration agent from Johnson county, tells how, even in these hard times, women have taken the time to beautify their homes. Training schools set up in various parts of the state have taught them how to add beauty to the home through their own originality and ingenuity.

During the past year the "Save a Chair" project has been concentrated upon and more than 100 chairs in the county have been upholstered and nearly that many have been caned and rush-bottomed. This work has been done at negligible cost. Hickory split chairs have been fixed over and a bottom woven for them out of paper twist at a cost of only 25 cents.

One home demonstration worker, when visiting a farm home recently, found several whitewashed chairs in a washroom. Asking permission to experiment with these chairs the agent took off the white paint only to find red barn paint underneath. Undaunted, she removed this layer and beneath its gaudy covering discovered valuable walnut. The enlightened farm woman now has four beautiful walnut chairs on display in her dining room, instead of the shabby white ones hidden in the washroom.

Due to the prohibitive cost of hav-

ing chairs upholstered by a professional, many farm women have done it themselves by using horsehair taken from an automobile seat. They have learned, through the training schools, to recase springs in davenport cushions and to cover them with inexpensive, yet pretty, jasp cloth.

The work of the demonstration agents has enabled farm women to become intelligent buyers. They can now look over a chair, judge the wood and springs, buy it for about 25 cents, weave a chair bottom or reupholster it, and have as a result a beautiful and attractive chair.

Chairs have not been the only things that have received attention. Lights and lighting effects have been explained and demonstrated. Heretofore, women isolated on a farm with kerosene lamps as their only means of illumination have held to the idea that there could be only one light, a large kerosene lamp, placed in the center of the room. Now, however, they have learned that they may have several—with shades! Often these shades are made only of wallpaper, but are so cleverly and artistically designed that they can scarcely be detected from much more expensive ones.

A comfortable living room is an achievement, not an accident. Women who have accomplished this are visited by demonstration agents and consulted as to how they achieved their results. These ideas are passed on, in turn, to other farm women, and more homes, as a result, have become more artistic, more home-like, and more comfortable.

WINTERING AND FEEDING PROBLEMS ARE DISCUSSED

**JAMES TOD, MAPLEHILL, PRESIDED
AT MEETING HERE SATURDAY**

Kansas Cattlemen Review Feeding Experiments Dealing with Value of Roughages and Deferred System of Full Feeding

Problems faced by the Kansas farmer in wintering and feeding cattle this year were discussed before feeders who attended a cattlemen's meeting at Kansas State college Saturday.

Approximately 500 Kansas cattlemen were on the campus for the meeting which was the first fall session held here for cattlemen. Heretofore meetings have been held only in the spring and the attendance Saturday was greater than those in charge expected.

Speakers introduced by James Tod of Maplehill, presiding, were J. J. Moxley, A. D. Weber, and C. W. McCampbell of the college staff; V. L. Morrison and J. H. Mercer, Topeka; E. O. Pollock, Kansas City, Mo.; and R. R. Gfeller, Burns.

Reviewing feeding experiments dealing with the value of various roughages, A. D. Weber, Kansas State college cattleman, determined the prices at which these feeds should be bought if they are to be more economical than good alfalfa hay at \$20 per ton.

SHOULD STUDY FEED PRICES

"It is obvious that alfalfa hay at \$20 per ton is too high in price to use as the roughage portion of stock cattle rations," Weber said. "At this price it would cost about 20 cents per day to feed a mature cow on alfalfa hay alone."

"There are a number of feeds that will do as well as alfalfa and they may be cheaper. However, when a certain price is reached other roughages become as expensive as alfalfa hay at \$20 per ton. The prices at which some of them do are: corn or cane silage, \$6.50 per ton; fairly dry, choice ground sorgho fodder or choice ground corn fodder, \$13 per ton; medium to good prairie hay \$13 per ton; choice wheat straw \$10 per ton; cottonseed hulls \$12.50 per ton.

"It should be distinctly understood that the prices listed do not mean that the farmer can make money feeding these feeds at the prices quoted," Weber concluded. "The point I wish to make is that when a roughage of the quality specified is available at the feedlot at less than the price given, it will be a 'better buy' than alfalfa hay at \$20 per ton, but if the price is the same or higher, then alfalfa hay will be the better buy."

Weber discussed the most efficient ways of using Russian thistle hay, of which there are thousands of tons in western Kansas this year.

DEFERRED SYSTEM PRAISED

Doctor McCampbell reported results of cattle feeding experiments at the Kansas station, giving special attention to the so-called deferred system of full-feeding, the chief features of which are wintering good quality young steers well, grazing without other feed on bluestem pasture for 90 days, and full feeding 100 days in drylot after August 1.

Ralph R. Gfeller, cattle feeder of Burns, described the results of seven years of putting into practice the deferred system of feeding. The highest profit he made per steer during the seven years was \$22.50 in 1928. The next year, with prices falling, he lost money on his feeding operations, but his average profit per steer for the seven years has been approximately \$10 per head, Gfeller said.

"The deferred system of feeding is the safest and most economical one because it gets large, cheap gains on ensilage, rough feed and grass and the short period of full feeding in drylot in the fall," Gfeller said. "Had I not followed this scientific system since 1929 I would have lost plenty of money. It is the only thing that kept me from going broke."

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WEDNESDAY, NOVEMBER 21, 1934

THANKSGIVING

"In eating your Thanksgiving dinner, be thankful for the celery and sweet potatoes—they're about the only items in a menu ranging from soup to nuts which haven't gone up in price. Primarily responsible are the increased cost of labor and last summer's drought." An Associated Press dispatch from Chicago thus comments.

And every housewife can verify the report. Fortunately that is only a part of the picture. "Increased cost of labor" means that workers are in better condition than they were a year ago, that these United States are pulling themselves out of the Slough of Depression, that they are definitely on the upgrade again. And certainly that is a cause for Thanksgiving which even higher food costs cannot mar.

The way people have resisted the forces of reaction which become vocal in every period of hard times is another. "Return to the good old days and prosperity will be yours again," they exhort, often very convincingly. But America has refused to junk the instruments of progress, to falter in the search for knowledge and for better methods, to scrap its machinery for hand labor, to drop its work on crop improvement. They know that a wrecker's tools build no great edifices.

Even a cursory glance beyond our borders gives us rich cause for thanking God we are not as other nations are: duped by a press which is not content with suppression of news but twists and warps it until it is a lie; burdened by a weight of war fears and armament costs.

In America there is much to be thankful for.

ART

Helm Defends Modernism

An earnest appeal for sympathetic, open-minded approach to contemporary art, a vigorous defense of those artists of today who are trying to shake off the decadent in the art of the past, made the theme of the Monday night lecture of John Helm, Jr., assistant professor of architecture. It was given in Anderson hall under the auspices of the A. A. U. W. art section.

"The average American is interested only in the superficial, the decadent in art," he declared with emphasis. "He goes to an exhibition with a conventional notion as to what art is and with his mind completely closed to anything else. The artist who is trying to express the true character of his subject in terms of the present day, who is not content with mere prettiness, is dismissed with impatience."

All the world's great art movements pass through three periods, he said: that of incubation when its basic principles are formed; that in which it is inspired by great conceptions and ideals, when the artist executes beautifully without becoming lost in a maze of details; and finally a decadent period. "Much that is fine and worth while in the work of today's experimenters will be added to the art traditions of the world, while some which is worthless will be cast off," he predicted. He charged that what the average person in America

admires as art belongs in decadent periods of the various historical movements.

Turning then to the exhibition of Henry Varnum Poor's pottery, paintings, and drawings, which had been brought over for the evening, he took up the role of interpreter, pointing out enthusiastically fine points of conception and technique, occasionally admitting faults in detail.

BOOKS

Bird's-eye View of the AAA

"Achieving a Balanced Agriculture." United States Department of Agriculture, Agricultural Adjustment Administration. August, 1934.

It is not really a book, yet this pamphlet of half a hundred pages packs a lot of information. For the person who has followed the growth of agricultural adjustment since its genesis, the pamphlet contains little specific information that is new; yet these same ideas and theories that we have been hearing for two years are presented in an orderly, logical manner. As presented in this booklet, one easily can review his AAA facts and theories.

Certainly the reader who wishes to get a complete picture of the AAA—the why of it and the how of it, and sometimes the what and where and when of it—can read this publication with profit. The material is treated in elementary manner. To say that is no discredit to its author who, we are told, is a woman. This terse, pointed description of the AAA is excellent reporting. It is reporting with an open bias, but it is clear-cut reporting nevertheless. Here is part of a picture of a surplus:

"At the beginning of the 1932-33 season nearly 400 million bushels of wheat were on hand in the United States. So were 13 million bales of cotton. The 1932 crop of the most important kind of American tobacco totaled 374 million pounds. Eleven billion seven hundred million pounds of live swine swarmed on American farms where 10 million acres were planted in corn to feed them.

"All these things, and many more besides, were the produce of the American farmer. He would seem to have been a rich man.

"Yet anyone who at that time went out to the great wheat-raising areas beyond the Mississippi, who visited cotton farmers in the deep south, who saw tobacco growers from Kentucky to Connecticut, who passed through the corn belt of the middle west, covered most of agricultural America without seeing any rich men.

"The paint was off the barns; there were leaks in the chicken house roofs; the fences sagged for want of staples; the fields were bare of fertilizer. The old car, with last year's license plates still on it, was up on skids under the shed. Down the road, the little red schoolhouse was silent, though summer was still far off. At the county seat, the sheriff's book told of back taxes two and three years delinquent; and the state's lien on farm homes which those back taxes represented was redoubled by a private creditor's lien on past-due mortgage debts."

That was in 1932. The rest of the story follows up to date. There are graphs explaining parity, which is not so much a price as a condition; there is a brief section on the farm credit administration, and the tariff from the farm viewpoint is touched.

Opponents of the AAA may not be completely convinced of its soundness from a reading of the pamphlet, but they will be better informed on its purpose and theory.—F. E. C.

FARM ORGANIZATIONS THE LINK

Most of you recall that the early suggestions for farm relief were invariably declared economically unsound. Many of you were faced with the argument: "You can't go against the law of supply and demand." The program in effect today is one that is economically sound and conforms to the law of supply and demand. The man who cooperates gets paid for cooperating. The processing taxes from which benefit payments are financed make voluntary production control possible. Production control makes possible a safe farm storage loan program, which in turn insures stability of farm prices and ample food and feed supply for the nation.

The one remaining uncertainty is the extent to which farmers are willing to join in a cooperative effort with their government. That uncertainty is dispelled to the extent that the farmers' chosen leaders and advisors keep the farmers properly informed on the benefits to be derived from participating in programs that have proven to be effective means of establishing and keeping agriculture on a sound economic basis. The real challenge is here. The farm organizations offer the medium through which farmers can be informed of the opportunities offered by government, and the government can be kept informed of the wishes and desires of the farmer.—Victor Christgau, AAA administrator.

OPPOSES TREE BELT IDEA

One of the most recent projects... is the scheme to establish a federal forest shelter belt extending from the Canadian border to the Texas Panhandle. The scheme is to plant 100 belts of trees, each seven rods wide, one mile apart and 1,000 miles long. The forest service statement says that there will thus be about 1,820,000 acres planted to trees, which is liberal figuring since the areas of the dimensions specified total 1,400,000 acres. Each belt must, of course, be fenced so there will be some 200,000 miles of fence to be constructed. This will require 600,000 miles of barbed wire and some 64,000,000 fence posts. Should our Washington friends... put up a fence meeting old-time specifications of "horse high, hog tight, and bull strong," they will need plenty more

the virus that ships, caravans, and trains breed. When the wander-hunger is on, maps cease to be lines dividing pink and blue and yellow splotches of color on a printed page. They come to life. From them floats the squeal of sing-song girls in brocade jackets, clapping their slender hands in dusty brothels of old Cathay. One sees festival days in Scandinavian villages, or naked, ash-smeared holy men with long, matted hair, moaning in the grime of sun-struck Indian bazaars. The blue, marked "ocean," turns to black waves tipped with silver as lightning flashes at night on a stormy sea.—Ben James in "The Secret Kingdom."

SO IT WOULDN'T!

It wouldn't hurt any if the colleges would work their way through some of the students.—Better Crops.

Safeguarding the Interests of Students

F. D. Farrell in the Biennial Report of Kansas State College

During the biennium ended June 30, 1934, the average enrolment of women students was 1,182 a year. These students have certain special interests that are fostered by the dean of women. These interests include living conditions, health, employment, social and religious activities, and the administration of the women's residence hall. During the biennium, rooming houses for 850 women students were inspected and living accommodations were provided in the dormitory for 339 women students. Employment was found for about 500. Approximately 575 social functions were attended and an even larger number were arranged for. The correspondence with women students and their parents included the dispatch of 5,500 letters. Meetings with house mothers and rooming house owners numbered 75.

Under the supervision of the faculty council on student affairs an annual inspection is made of each of the 22 fraternities and nine sororities affiliated with the college. The inspection covers sanitation, fire protection, physical and other arrangements for study, financial status, and financial practices. Excellent cooperation is had from the Manhattan fire department and from both active and alumni members of the organizations concerned. Following each inspection each organization and its faculty sponsor are given a confidential report of the findings and a list of suggestions for improving any unsatisfactory conditions revealed by the inspection. These annual inspections are helpful to all those who are concerned with the proper functioning of these student organizations.

wire and posts, and the total cost, for fencing alone will run into astronomical proportions.

Then there is the question of the number of trees to be planted. To be effective and allow for normal mortality under favorable conditions, spacing should be four by four feet, or 2,722 trees per acre. This calls for 4,950,000,000 trees, few of which are now in existence.

Because the general public holds the erroneous opinion that forestry is chiefly tree planting, and that any tree planting is good, this proposal has received rather wide popular acclaim among those who know nothing about the climatic and the physiographic conditions involved. It has also been acclaimed by foresters who never attempted to raise trees at their own expense in that part of the country. People who have lived there many years are more inclined to side with Governor Murray of Oklahoma, who says that the scheme is like trying to grow hair on a bald head.

The plain fact is that this 1,000-mile strip in the west is in permanently semi-arid country, where trees are not nature's survival form of vegetation and where they cannot be made into that form. The climate is one of continental characteristics, not subject to change by the planting of 5,000,000,000 forest seedlings in narrow strips a mile apart and 1,000 miles long. The survival form of vegetation in all this region is grass—the bluestem of the valleys, the bunch grass of the rolling country and the buffalo grass of the plains. These were all splendid forage crops which amply protected the underlying soil until man came along and destroyed the natural covering and gave the winds a chance to raise dust storms. The finest natural vegetation in the world for the climate was the buffalo grass of the high plains.—R. S. Kellogg, '96.

FIRST SIGNS OF WANDERLUST

Map reading is a grave symptom, as anyone knows who is infected with

plank in the People's party platform that provides for the decrease of officials' salaries in a ratio to the decrease of farm products is antagonistic to good government;" and "The tariff is of more importance than temperance." These were debated by the Alpha Beta, Hamilton, Ionian, and Webster societies.

FIFTY YEARS AGO

The south wing of the main building was almost completed.

According to THE INDUSTRIALIST, a good education paid: (1) in dollars and cents; (2) in influence and position; (3) in usefulness; (4) in enjoyment.

THE WINDS

Madison Carwin

Those hewers of the clouds, the Winds,—that lair
At the four compass-points,—are out tonight;
I hear their sandals trample on the height,
I hear their voices trumpet through the
Builders of storm, God's workmen, now they bear
Up the steep stair of sky, on backs of might,
Huge tempest bulks, while—sweat that blinds their sight—
The rain is shaken from tumultuous hair:
Now, sweepers of the firmament, they broom
Like gathered dust, the rolling mists along
Heaven's floors of sapphire; all the beautiful blue
Of skyey corridor and celestial room—
Preparing, with large laughter and loud song,
For the white moon and stars to wander through.

SUNFLOWERS

By H. W. D.

UDHRP

Now that the New Dealers have all the trumps and the aces and the kings, they'll be looking about for new sufferers to relieve.

My notion is they've been overlooking the biggest and most obvious mob of unfortunates in America all the time, the Utterly Disorganized Husbands. And I can't see but that it would be a corking good move to create a UDHR project, the R standing for "relief" or "refinancing" or both. The UDHRP would put every man solidly behind the administration; also every woman, except his own wife, who might be violently antagonistic at first to the idea because of its reflection upon her helpful attitude. But I figure it wouldn't take her long to work out a scheme of shifting that relief or refinancing into her own lap. Like the rest, she'd be whooping it up for more relief in a week and the 1936 election could be put in the bag and forgotten.

Another advantage of the UDHRP is that it takes its letters from all over the alphabet as well as its benefactors from all over the good old RSA (Relieved States of America to you). Most of these creations of the skull trust have shown little resourcefulness on the part of the transplanted college professors who christen them, the AAA and the CCC being the most flagrant examples. I consider my project a really democratic selection of initials, that ought to please practically every letter in the alphabet.

Every husband should be pensioned, over and above his salary, if any, from \$100 to \$10,000 per month, according to the manner in which his wife thinks she was accustomed to live when daddy was trying to meet the bills. This naive provision hits directly at the source of the trouble. It is what wives imagine they've been accustomed to that raises all the rumpus around the first of the month, anyhow. My project also opens the way for countless administrators, assistant administrators, researchers, investigators, psychiatrists, and detectives to get on the pay roll. When the machinery of the UDHRP gets really into high gear there need not be a single professor of economics, sociology, or psychology left (a good idea in itself) on the campuses of America. Our colleges can devote themselves entirely to salesmanship, electrical engineering, and championship football teams, just as they wish.

My new relief project, as I said, is a natural. It would be instantly popular, it need not cost over 50 billion a year, and it would employ as administrators at least 25 of the 20 million out of work. Write your congressman today.

I love everything that's old: old friends, old times, old manners, old books, old wine.—Oliver Goldsmith.

IN OLDER DAYS

From the files of The Industrialist

TEN YEARS AGO

Purple Masque was accepted as a participant in a play tournament to be held at Northwestern university.

Sigma Phi Epsilon fraternity for the third successive year won the Wampus Cats Loyalty league cup for the most original and effective homecoming decorations at its chapter house. The cup became the property of the fraternity.

TWENTY YEARS AGO

The Thanksgiving proclamation of President Woodrow Wilson appeared in a box on the editorial page of THE INDUSTRIALIST.

M. F. Ahearn, associate professor of horticulture, was elected president of the Manhattan Christian brotherhood. Other officers were W. W. McLean, secretary of the Y. M. C. A., vice president; F. C. Winship, instructor in English, secretary; and S. James Pratt, treasurer.

THIRTY YEARS AGO

Roy A. Seaton, '04, was assistant in mathematics.

The Manhattan Library association planned a book shower for its new library.

Location of the hitch-racks near the new auditorium was the problem Professor Dickens was trying to solve.

A macadamized road from downtown Manhattan to the college gate seemed near reality. The city council authorized the macadamizing of Second street from Poyntz to Leavenworth, then west to Ninth street, North to Vattier, and west to Manhattan avenue. It also called for the curbing of Leavenworth street.

FORTY YEARS AGO

Subjects debated at literary society meetings on the campus: "Church creeds keep people from becoming church members;" "Church property should be taxed;" "The

AMONG THE ALUMNI

Lulu Willis, '13, is living at Horton.

Joye Ansdell, '32, is teaching at Jamestown.

Harry Hasler, '33, is coaching at Ellis this year.

Marie Appel, '34, is teaching in Hartman, Colo.

Doris Streeter, '34, is teaching vocational homemaking at Barnes.

Mercedes (Sullivan) Mitchell, '23, lives at 1021 Rose Circle, Covington, Ky.

Rev. D. E. Bundy, '89, Randolph, called at the alumni office September 17.

Ferrell M. Bozarth, '33, is working on a water conservation project at Colby.

Althea Marguerite Herwig, f. s. '22, lives at 1308 Fifth street, S. E., Minneapolis, Minn.

Sina Faye Fowler, M. S. '33, is administrative dietitian, Duke university, Durham, N. C.

J. D. Adams, '23, is teaching vocational agriculture at the high school in Garden City.

C. O. Nelson, '24, was recently appointed homestead rehabilitation adviser for Riley county.

Dr. Walter E. Dicke, '34, is temporarily engaged in tuberculosis eradication work in Silex, Mo.

Elsie T. Zohner, '27, is an instructor in foods and nutrition at Purdue university, Lafayette, Ind.

Dr. Henry J. Osterholtz, '34, has located in Persia, Iowa, for the practice of veterinary medicine.

Donald C. Thayer, '20, is a bank real estate appraiser. His address is 1513 Hinman avenue, Evanston, Ill.

Charlotte Nix, '34, is an instructor in home economics at the Kentucky State Industrial college, Frankfort, Ky.

Walter B. Gernert, '07, is associate professor of forage crops at Oklahoma A. and M. college, Stillwater, Okla.

Irene Elliott, '29, is taking graduate work at the University of Idaho. Her address is 325 North Polk street, Moscow, Ida.

The address of Lieutenant Commander Raymond V. Adams, '16, is headquarters Ninth Naval district, Great Lakes, Ill.

Francella Stratton, '28, is manager of the Y. W. C. A. cafeteria at Battle Creek, Mich. Her address is 113 North McCamly.

Bly (Ewalt) Curtis, '21, is manager and dietitian of the women's dormitory at the University of Colorado, Boulder, Colo.

Herbert P. Miller, '18, is with the Cudahy Packing company in Kansas City, Mo. His address is 4229 Oak street, Kansas City, Mo.

Nadine Gibson, '33, is assistant dietitian at the Hospital for the Women of Maryland, John street and LaFayette avenue, Baltimore, Md.

Elizabeth (Winter) Fly, '21, is teaching home economics in the Amarillo, Tex., senior high school. Her address is 2215 Ong street, Amarillo.

Helen A. Blair, '24, is teaching home economics in the Liberty junior high school in Hutchinson. Her address is 28 East Tenth street, Hutchinson.

Edwin H. Kroeker, '29, received his Ph. D. at the University of Wisconsin last June. He is now head of the chemistry department at Bethel college, Newton.

Grace Scholz, '33, recently completed her work as student dietitian at Vanderbilt university hospital, Nashville, Tenn. She is now a nutritionist at the welfare commission in Nashville.

Dr. W. H. Phipps, '95, is dairy milk sales efficiency counselor for the national institute of dairy instruction and milk salesmanship. He lives at 2935 East Twenty-ninth street, Kansas City, Mo.

MARRIAGES

LILES—MUNGER

Velma Liles, '32, and Claire W. Munger, '32, were married May 27. Their address is Sharon Springs.

RICHTER—VIGNERY

Aileen Richter, Council Grove, and Roger Vignery, f. s. '31, Council

Grove, were married July 1. Mr. Vignery is connected with the Fairmount creamery in Council Grove.

ALDERMAN—WINSTON

Announcement has been received of the marriage of Vera Ethel Alderman, '26, and C. Carleton Winston May 29 in Tulsa, Okla. Mr. and Mrs. Winston live at 1205 West Fifth street, Coffeyville.

O'DANIEL—HNIZDA

The wedding of Geraldine O'Daniel, f. s. '30, and Edwin Hnizda took place May 23. Mrs. Hnizda has been teaching in the Blue Rapids schools. Mr. Hnizda is manager of the Rader Drug store in Blue Rapids.

LUBEN—HARTMAN

The marriage of Hazel Luben and Ernest Hartman, '22, was June 14 in Canton, China. Both Mr. and Mrs. Hartman have been teaching at the University of Canton. Mr. Hartman is doing silkworm research at Canton university.

MCCORMICK—SMITH

The marriage of Loretta Irene McCormick, f. s. '30, and Charles Francis Smith, '32, took place July 21 at Hays. Mr. Smith is a bridge draftsman for the Kansas state highway commission. They live at 432 Polk street, Topeka.

TALIAFERRO—ENGLUND

The marriage of Lucy Taliaferro, Rock Springs, Wyo., and Victor J. Englund, '23, took place June 27 at Rock Springs. Mr. Englund is a civil engineer on the Seminole dam of the Casper-Alcova project. Their address is 1112 Walnut, Rawlins, Wyo.

DAVIS—PAIGE

The marriage of Julia Marie Davis, '34, and Arlie E. Paige, '33, took place August 23 at the home of the bride's father near Nebraska City, Nebr. They live in Delia where Mr. Paige is teaching mathematics and science in the high school.

HARPER—DENNIS

Announcement has been received of the marriage of Helen Ruth Harper, '34, and John William Dennis, f. s. '33, August 20 in Joplin, Mo. Mr. Dennis is employed as assistant storekeeper for the Labette county highway commission. They live in Oswego.

HATCH—FRANK

Velma Hatch, Mahaska, and Harold E. Frank, '31, were married July 29 in Mahaska. Mrs. Frank has been teaching home economics in Haddam rural high school the past three years. Mr. Frank is teaching vocational agriculture in the same school. They live in Haddam.

HARPER—UMBERGER

Marguerite Harper, '28, and Harry J. C. Umberger, '05, were married August 11 at the home of the bride's parents in Ponca City, Okla. For the past six years Mrs. Umberger has been a member of the faculty in the extension division of which Mr. Umberger is dean. Mr. Umberger also is relief administrator of Kansas. The Umbergers live at 1412 Leavenworth, Manhattan.

BIRTHS

James L. Hanlin, f. s. '33, and Mrs. Hanlin, announce the birth of a daughter, Ruth Arlene, July 3.

John F. Lindquist, '27, and Hazel (Walt) Lindquist, '28, 204 West Thirteenth street, Lawrence, are the parents of a son, Charles Augustus, born November 7.

Glider Club Active

The Glider club, under the leadership of Professor C. E. Pearce, held its first evening meeting November 15. Professor Pearce spoke on the science of aerodynamics and will speak on air-foil sections at the next meeting. He also expects to give a series of 11 talks of similar nature over radio station KSAC next semester.

Elect Class Officers This Week

Elections for officers of the senior, junior, sophomore, and freshman classes will be held November 22, according to an announcement by Joe Knappenberger, president of the student council. Officers to be chosen for the senior class are president, vice-president, secretary, and treasurer. The offices of secretary and treasurer will be combined in the junior, sophomore, and freshman classes.

LOOKING AROUND

KENNEY L. FORD

A dinner was served at Sawyer hall in Chanute, Kan., Friday evening, November 2, to former students of Kansas State college and a few guests. The college colors, purple and white, were used in the table decorations. A silver basket of royal purple petunias and white santolinas formed a centerpiece, and arranged down the center of the table were tall white tapers in silver candelabra. Special guests introduced were John Schmutz, father of Lawrence Schmutz, senior student and track star at Kansas State; Mr. and Mrs. A. Helm, parents of three sons who were graduated from Kansas State, and of Ernest Helm who now is a freshman; Miss Louise Loy, sister of H. W. Loy, Jr., graduate student and research worker at the college, and John Loy, freshman student. A short talk was made by A. A. Gist, '91, earliest Kansas State graduate among Chanute alumni. The program included a group of vocal numbers by Clarence Dawson and Lerton Dawson with Miss Marjorie White playing piano accompaniment, and the showing by Bernie L. Goodrum of moving pictures of scenes taken at the college. The program closed with the group singing the college song, "Alma Mater." The committee in charge of the dinner was composed of Dorothy Greve, '28; Wanda Riley, '30; Thelma Carver, Walter R. Harder, '22, and Gorrell Biles.

Alumni who attended the dinner were: Mrs. Mildred L. Skinner, '28, Fort Scott; Mrs. Lillian Carver Lutz, '27, Marysville; A. A. Gist, '91; Miss Wand, '30; J. I. Jacques, '16; Mrs. Ruth Cunningham Harder, '22; Walter R. Harder, '22; and Miss Dorothy Greve, '28, all of Chanute. Miss Mildred Lemert, '29, Cedar Vale; Miss Ruth Frost, '29, Parsons; and L. E. Moody, '28, of Fredonia. Guests were: Thelma Carver, Gorrell Biles, Raymond B. Wagner, Miss Grace Booker, Mrs. J. L. Jacques, Mr. and Mrs. Egbert Gardner, Arthur Cain, Paul C. Gibson, J. G. Evans, Paul L. Fickel, Mrs. A. A. Gist, Franklin A. Cain, and Miss Peggy Miller, all of Chanute, and Mrs. Dayton Lutz and Miss Alverson Bull of Marysville.

Kansas State alumni in the vicinity of Kansas City, Kan., met in the dining room of the Y. M. C. A. November 2. Including guests, there were 59 present.

Miss Helen Priestley, '28, toastmistress, called on several for short talks concerning their college experiences. These responded: Charles R. Hutchings, '94; F. L. Bates, '04; Maude M. Patterson, '14; Meta Sheaff Welsh, '16; D. D. Murphy, '22; and Mary Rankin, '30. Mrs. F. D. Coburn entertained with two vocal solos. Dr. Clay Coburn, '91, gave a brief discussion of the needs of the college in connection with a new chemistry and physics building and encouraged those present to lend support to this proposition when the legislature meets this winter.

An organization of the alumni in the Kansas City, Kan., vicinity was effected by the election of Miss Helen Priestley, '28, president; Mrs. Meta Sheaff Welsh, '16, vice-president; Richard Stahl, '31, secretary; and Paul Vohs, '26, treasurer.

The following alumni were present:

Clay E. Coburn, '91; Helen Priestley, '28; Elizabeth Greenlee Jarvis, '21; Mrs. Lulu P. Wertman, '29; Mr. and Mrs. Paul Vohs, '26; Effie Adams, '11; Mr. and Mrs. Hoyt Purcell, '28; Mr. and Mrs. W. J. Arndt, '31; Mary Rankin, '30; E. E. Larson, '29; Mr. and Mrs. J. H. Welsh, '16; W. P. Harris, '21; Mr. and Mrs. E. T. Porter, '28; and H. S. Miller, '31; Mr. and Mrs. Harry K. Burns, '24; R. K. Stahl, '31; Mr. and Mrs. E. W. Curtis, '90; Mr. and Mrs. Lee Kammeyer, '25; Mr. and Mrs. Ernest R. Thomas, '29; F. D. Coburn; Maude M. Patterson, '14; C. A. Patterson, '14; Mr. and Mrs. Ralph F. Melville, '30; Mr. and Mrs. Perle Rumold, '25; Frank Bates, '04; Ralph E. Brunk, '30; Miss Gladys Draper, '28; Charles R. Hutchings, '94; and Mr. and Mrs. Will Nyhart, '28, all of Kansas City, Kan.

H. C. Johnson, Mr. and Mrs. Homer Parrshall, '27; and Mr. and Mrs. Wesley Herrin, '29, of Kansas City, Mo.

G. E. Truby, '25; Lane, D. D. Murphy, '22; Gardner, R. L. Jarvis, La Cygne; Mildred Harman, '32, Humboldt; Mary M. Baird, '17, Cherryvale.

Guests included Elva Jane Patton, Princeton; Miss Mildred Curtis, Mrs. Dwight Coburn, Miss Marjorie Tomson, and Mrs. Tomson, all of Kansas City.

Glenn E. Findley, '22, and Ruth (Kittell) Findley, f. s., entertained Kansas State college alumni in Dallas, Tex., Thursday, October 25, at their home. The 20 present included six husbands and wives who were not Kansas State college graduates, and one former faculty member. The group voted to form a permanent organization and to have four or five social functions a year. C. C. McPherson, f. s. '22, was elected toast-

master chairman, and a social committee consisting of Agnes (Handlin) Dugan, f. s.; John A. Billings, '13; and G. E. Findley, '22, was appointed to arrange another meeting at which permanent officers will be elected.

The following alumni and former students were guests:

John A. Billings, '13, and Mrs. Billings; Kenneth R. Cashford and Edith (Miller) Cashford, '22; Helen E. Cook, '28; Albert Green, '33; Laurene (Kuns) Jenkins, '22; C. C. McPherson, f. s. '22, and Vera (Samuel) McPherson, '19; P. H. Virtanen, '20, and Mrs. Virtanen; A. H. Dugan and Agnes (Handlin) Dugan, f. s.; A. A. Axline, f. s., and Mrs. Axline; Thomas Washburn, f. s., and Mrs. Washburn; Dr. Grace Hesse, Glenn E. Findley, '22, and Ruth (Kittell) Findley, f. s., all of Dallas, Tex.

Kansas State college alumni met in Hays November 2 in conjunction with the meeting of the Kansas State Teachers association. Kingsley W. Given, associate professor of public speaking at Kansas State college, was the guest speaker. L. C. Aicher, '10, superintendent of the Fort Hays experiment station, was in charge. The group tried out the new song, "Fight, Fight On for Kansas State." These attended the dinner:

Floyd Cole, f. s. '19, Ellis; Delphine Cole, '28, Ellis; Lawrence Reed, '33, Hays; F. L. Werhan, '24, Hays; Ivy Barker, '25, Hays; Grace (Barker) Baker, '15, Wakeeney; Raymond G. Frye, '30, Norton; Earl E. Ankenman, '29, Norton; F. A. Blauer, '29, Lebanon; James A. Matson, '30, Edson; Leroy L. Wurst, '27, Sharon Springs; F. P. Eshbaugh, '26, Hays; L. C. Aicher, '10, and Edith (Davis) Aicher, '05, Hays; Mrs. A. F. Swanson, Hays; A. L. Hallsted, '03, and Mrs. Hallsted, Hays; T. W. Wells, M. S. '30, and Mrs. Wells, Hays; Elizabeth J. Agnew, '00, Hays; Raymond R. Drake, '29, and Mrs. Drake, Hays; F. G. Ackerman, '31, and Margaret (Bentley) Ackerman, f. s. '31, Hays; Floyd Wright, '25, Russell; Willard Gilmore, '27, St. Francis; Lillian J. Brychta, '31, Webster; Blanche (Sappenfield) Bowman, '20, Hays; R. L. Tweedy, '28, and Mrs. Tweedy, Hays; and Kenneth Converse, '32, and Mrs. Converse, Hays.

P. Merville Larson, '27, instructor in public speaking at Hutchinson Junior college, was chairman of the Kansas State alumni meeting in Hutchinson Friday evening, November 2, in conjunction with the Kansas State Teachers association meeting.

Those present were:

Mary Elizabeth Allman, '34, Mount Hope; Joye Ansdell, '32, Jamestown; Viola F. Barron, '34, Toronto; Evelyn Braden, '34, Andover; James P. Chapman, '32, Arlington; Pauline Christensen, '27, Caldwell; Eleanor H. Davis, '24, Wellington; Margaret Galloway, '25, Wichita; Mary E. Linton, '16, Newton; Anna Lora Miller, '16, Salina; Lyle C. Reed, '31, Eureka; Olive Weaver, '34, Vermillion; Anna M. Wilson, '31, Partridge; Willis N. Kelly, '12, P. Merville Larson, '27, Esther Morgan, '32, Marian Brookover, '30, and Helen A. Blair, '24, all of Hutchinson.

Civil Engineers Return

Homecoming visitors in the civil engineering department included D. E. Drines, '27, drought relief in Ness county; Charles Pine, '31, resident engineer for the C. A. Haskins Engineering company, Kansas City, Mo.; Clairé Worthy, '32, Kansas highway department, at Meade; J. D. Woodruff, '33, state highway department, Garden City; W. E. Stepps, '31, M. S. '32, state highway department; Guy Shelly, '33, Winkler-Koch Engineering company, Wichita; H. J. Schwartz, '32, Missouri river project, Atchison; Harry Nelson, '23, Empire companies, Bartlesville, Okla.; C. B. Ault, '28, Wilson Packing company, Kansas City, Kan.; H. L. Kipfer, '32, highway commission; Zint Wyant, '32, highway department, Winfield; Raymond Nelson, '34, and A. D. Fornelli, '33.

To Chicago Meetings

Frank J. Zink, F. C. Fenton, and W. G. Ward of the engineering faculty will go to Chicago to attend a meeting of the Society of Agricultural Engineers December 2 to 5. Prof. Zink also will attend some of the meetings of the tractor division of the Society of Automotive Engineers which meets at the same time. Professors Fenton and Ward will attend Underwriters fire prevention meetings.

Dairy Inspectors Elect

M. L. Deltrick, Newton milk inspector, was elected president of the association of state and municipal dairy inspectors Friday afternoon at the close of the fifth annual school in the west wing of Waters hall. C. L. Pretz, Kansas City, Mo., was elected secretary-treasurer. Dr. H. R. Ross of the state board of health is the retiring president.

Architects Attend Meeting

Paul Weigel, Charles L. Morgan, and J. T. Ware, of the department of architecture, attended a meeting of the Kansas chapter of the American Institute of Architects in Salina Saturday, November 17.

RECENT HAPPENINGS ON THE HILL

The Beta Theta Pi fraternity house at 500 Sunset was damaged last Wednesday by fire which apparently developed in the northeast corner of the attic.

Raymond Francis White, '21, who returned to America last summer after having been a professor of agriculture for six years at the International college at Smyrna, Turkey, was the speaker at the Y. M. C. A. freshman commission meeting last week.

Dr. Marjorie G. Eberhart, assistant physician in the college department of health, has resigned to accept the position of head of the student health and physical education department of Central Normal college, Danville, Ind. She has been at Kansas State since April, 1932.

Fifteen students took the civil service examinations for junior and senior civil engineering students who wish to work with the federal highway bureau. T. C. Thee, federal engineer representing the United States bureau of public roads, is here in charge of the examinations.

The second annual vet party, which also was the second all-school party this year, proceeded in spite of torrents of rain Saturday evening at the Wareham ballroom. An unusual dance given by Pee Wee Brewster's drummer and base violinist added many laughs to the gay occasion.

Election of freshman commission officers of the Y. M. C. A. last week at the home of Dr. A. A. Holtz made Raymond Sollenberger, Manhattan, president; Herbert Blevans, Clay Center, vice-president; Donald Engle, Manhattan, secretary; and Leonard Hollis, Holton, program chairman.

A recital was presented in Hamilton hall last week by a group of students in the music department. Those who assisted with the program were: Leland Roberts, Ogden; Margaret Higdon, South Haven; Lucille Herndon, Army; Rosamond Haebler, Clearwater; Richard Keith, Mary LeBow, and Julia Crow, Manhattan.

"Every employee, one day's pay" is the slogan under which 40 workers are canvassing teachers and other employees for the Red Cross roll call. Dr. E. L. Holton, head of the department of education, is in charge of the workers. Dr. Howard T. Hill, roll call chairman, estimates that as in former years the college will respond nearly 100 per cent.

Ur Rune, local chapter of the American College Quill club, November 13, elected seven new members at a meeting held in the home of Miss Nellie Aberle of the English department. The new members are: Elma Edwards, Athol; Wayne Dexter, Waterville; Margaret McKown and De Vere Kay, Manhattan; Helen Brown, Kansas City, Mo.; Olive Miller, Mahaska; and Barbara Claassen, Newton.

Formal initiation for the new members of Scarab, men's honorary organization for the promotion of all campus activities, especially those of a political nature, was held at the Phi Sigma Kappa house Tuesday. The new members are: Vernal Roth, Emporia; George Hopkins, Garden City; Lloyd Riggs, Manhattan; Clark Kostner, Murdock; Fritz Beeler, Jewell; Carl Chappell, Republic; C. C. Murphy, Clyde. At the end of each year 25 outstanding junior men are chosen for membership in Scarab, at least one man from each fraternity and occasionally an independent is elected.

Spieth Visits Friends

Benjamin Spieth, a member of the department of applied mechanics faculty in 1928, and now a research engineer with the Modine Manufacturing company of Racine, Wis., visited among his friends in the engineering division recently while on his vacation.

Speaks for A. S. M. E.

Ernest Hartford, assistant secretary of the American Society of Mechanical Engineers, talked to the student branch of the A. S. M. E. at Kansas State college Friday night, November 16.

WILDCATS DOWN SOONERS IN BITTER STRUGGLE, 8-7

OKLAHOMA TAKES 7 TO 0 LEAD
EARLY IN SECOND PERIOD

Armstrong Scores Touchdown for Wild-
cats on Double Lateral after Long
Pass from Stoner to Elder Car-
ried Ball Down Field

BY H. W. DAVIS

Lynn Waldorf's gang of deter-
mined-to-win Kansas Staters, who
journeyed down to Oklahoma univer-
sity's gridiron at Norman last Sat-
urday, achieved their objective, as
educators say, by the narrow margin
of 8 to 7. But the terribly fierce and
uproarious time they had doing it
you'll have to imagine. It can't be
told. Severe enough it was for the
lads on the field, but many times
worse for the poor, helpless specta-
tors, who all through the final five
minutes, and frequently before, had
to sit with their respiration complet-
ely cramped and their hearts pound-
ing like runaway locomotives—that
knotty paralysis of the throat and
chest, you know.

The Staters found themselves in a
hole almost before the game got un-
der way. Hewes of the Sooners placed
a dead-man's-corner punt neatly
across the side-line stripe just 4
yards from the Wildcat goal. But
Stoner's reply punt was good and out-
side the field of play on the State 43
yard line. That threat of danger over,
the two teams settled down to an
even break, scrimmage and punting,
for the remainder of the first quarter
until Coker of Oklahoma recovered a
punt fumble by Elder on the Kansas
State 20 just as the pistol barked.
Not so good again.

SOONERS STRIKE SUDDENLY

But the Wildcats held for downs
on the first series of the second quar-
ter. Then Stoner punted to Okla-
homa's 35 and Poynor ran back to
the Wildcat 43. Francis, in for
Robertson, tore through left guard to
the 31-yard marker. Poynor went 7
and Francis 4 for still another first
down. Poynor added 2 more yards.
Then the Sooners suddenly shifted
tactics, and Francis passed to Harris,
who darted over through a seemingly
bewildered defense for a touchdown.
Long's kick was good, and the Wild-
cats were forced to look a 7-0 count
in the face.

But they did more than look. Ayers
took the kick-off on the 10 and re-
turned to the 20. In just about an
even dozen plays they had the ball
on the Oklahoma 5. But no farther.
Taking possession, Oklahoma used
Poynor twice against the line for 2
yards each struggle. Coach Hardage
shot Gentry into the fray with in-
structions to kick. The pass from
center was low, Gentry was forced to
run, and Griffing and others tore
through to spill him for a safety.
Score: Oklahoma 7, Kansas State 2.
A minute and a half of wild play for
the remaining portion of the first
half, but with no damage resulting.

LONG PASS LEADS TO SCORE

The third quarter started rather
calmly with neither team showing
much disposition to score, but toward
the end Stoner heaved a long pass to
Elder, who took it in front of and
away from two Sooners and lunged
to the Oklahoma 15. The pass and
lunge netted just 37 yards. Ayers
failed to gain and was hurt, Arm-
strong going in for him. Elder dived
through right tackle to the 9. In two
more smacks he was on the 4 for a
first and 10. He went to the 1 and
one-half, then to the 1. Then he fum-
bled and recovered on the 3. It was
fourth and 3 to go. Elder smacked
at guard again, but this time without
the ball. He had slipped it to Stoner,
who basketballed it to Armstrong,
who twisted himself around end for
a touchdown. Stoner's kick was wild.
Score: Kansas 8, Oklahoma 7.

You'll have to do your best to
imagine the fourth quarter, with two
flashy, determined teams waging bit-
ter warfare over a measly point
margin. It was all-offensive football
for 15 (net) breath-stealing minutes.
And the last five minutes was worse
than that, with the pigskin going both
directions through the air, around
end, off-tackle, and through the mid-
dle. Desperate football, but all of it
neatly executed. Thrills piled on
thrills, palpitations upon palpitations.
You simply couldn't take any more
of it, but you did—there was nothing
else to do but take it. After all,
you'd asked for it and paid in ad-
vance. Finally it ended, with no scor-
ing whatever accomplished, the count

still Kansas State 8, Oklahoma 7, and
everybody sure his old heart was a
pretty good one after all.

The statistics:

	Kan. S.	Ok.
Yards gained rushing.....	171	150
Yards lost rushing.....	19	11
Forward passes, yards gained.....	75	33
Total yards gained pass- ing and rushing.....	246	183
Forward passes at- tempted.....	7	9
Forward passes com- pleted.....	4	3
Forward passes inter- cepted.....	1	1
Earned first downs.....	12	8
Penalties, total yards.....	20	15
Fumbles.....	5	1
Own fumbles recovered.....	3	1
Punt average.....	43	53

The starting lineups:

Kansas State	Oklahoma
Churchill.....LE.....	Harris.....
Maddox (C).....LT.....	Wheeler.....
Partner.....LG.....	Little.....
Griffing.....C.....	Parks.....
Sundgren.....RG.....	Stacy.....
Fanning.....RT.....	Tennison.....
Freeland.....RE.....	Coker.....
Armstrong.....QB.....	Robertson.....
R. Kirk.....LH.....	Hewes.....
Stoner.....RH.....	Long.....
Elder.....FB.....	Poynor.....

Officials: Ramp, Fordham, referee; St-
clair, Baylor, umpire; Anderson, South-
western Oklahoma Teachers, headlines-
man.

Score by quarters:

Kansas State.....0	2	6	0-8
Oklahoma.....0	7	0	0-7
Substitutions: Kansas State—Ends, Hays, Peters; tackle, Flentroppe; guards, Holland, Beeler; center, none; halfbacks, Shaffer, H. Kirk, Dileo; full- back, Warren; quarterback, Ayers. Oklahoma—Ends, Miskovsky, Harris, Miller; tackles, Ellsworth, Gentry, Par- rish; guard, Ellis; center, McDannald; halfbacks, Robertson, Nemecek; full- back, Robinson; quarterbacks, Francis, Steinbock.			

DISCUSSES CHEMISTRY'S CONTRIBUTION TO MEDICINE

Hormones and Vitamines Are Explained
with Lantern Slides—Three Million
Lepers in World, Speaker Says

Importance of chemistry in the de-
velopment of relief for many human
ills was brought to the more than
200 faculty members, townspeople,
and students who attended the Sci-
ence club meeting Thursday night in
Recreation center. The speaker was
Dr. Ernest H. Volwiler, director of
research at the Abbott laboratories
in Chicago; his subject, "Chemistry's
Contribution to Medicine."

Lantern slides of chemical formu-
las illustrated Doctor Volwiler's re-
marks relating to physical chemistry
—the chemistry of the organs and
tissues of the body. The effects of
adrenalin and its use to prolong
anesthetics; ephedrine, which is
made from an imported plant and
used in treatment of hay fever and
asthma, diseases of the respiratory
membranes; uses of thyroxin, a prod-
uct of the thyroid gland, and the ef-
fect of secretions of the tiny pituitary
gland on many of the functions of
the body were a few of the subjects
touched upon by the speaker.

Hormones, Doctor Volwiler ex-
plained, are supplied by the various
glands of the body and their uses are
many in treatment of human ills,
particularly when those ills are due
to an improper natural supply of the
hormones.

Other essentials for growth and de-
velopment which are not produced by
the body include the vitamins of
which the public has heard a great
deal in recent years. "Vitamins," he
explained, "are not medicines, they
are accessory foods." Diets frequent-
ly suffer from lack of vitamins due
to economic conditions, careless or
ignorant selection and preparation of
foods, and other similar causes.
Whenever lacking in the regular diet
they should be supplied as accessory
foods, the speaker pointed out.

"There are no less than three mil-
lion lepers in the world today," Doc-
tor Volwiler declared in explaining
his assertion that leprosy is as preva-
lent today as in biblical times. "Treat-
ment of leprosy has lagged because
the disease cannot be given to ani-
mals. As a result experimentation is
confined to humans only.

"Probably the most serious disease
in the world today is malaria. It has
been estimated that eight hundred
million people have malaria each year
and that the deaths from malaria to-
tal approximately two million each
year."

"Chemotherapy" was described by
Doctor Volwiler, as the development
of a specific drug to attack invading
organisms.

Development of drugs in the treat-
ment of disease is retarded by lack
of time for experimentation. He gave
as an example the fact that chloro-
form and ether were known long be-
fore they were found to be useful as
anesthetics.

HOME ECONOMICS TESTS AID HOUSEWIFE'S BUYING

QUESTIONS WHICH FACE WOMEN
SOLVED BY RESEARCH

Laundering, Bleaching, Sheet Stand-
ards, Size-Weight Proportions of
Blankets Being Determined by
Kansas State Staff

Is it economical to buy unbleached
muslin sheeting and bleach it at
home? If I do use a home bleach
what kind is best? If the Danno
sheet I bought two years ago wore
well, can I depend on the quality of
that firm's sheets this year being the
same? Are commercial laundries
harder on clothes than home ones?
In buying blankets what should be
the proportion of weight to size for
them to stand laundering?

These and a half dozen related
questions which harass the house-
wife are now being solved by the
home economics division research
staff at Kansas State college.

Some of the experiments are near-
ing completion. Others have had as
yet too few tests for definite con-
clusions. "Under some home laundry
conditions, white materials become
grayed or yellowed," says Miss Alpha
Latzke, head of the department of
clothing and textiles. "And a prop-
erly run commercial laundry, it ap-
pears, is not hard on clothes. Others
just ruin them.

"We are also testing the absorptive
quality of varieties of bath towels to
determine what size and construction
to recommend, what weight is best
for service. The protective value of
blanket material is still another piece
of research we are carrying on to help
the consumer find out whether all
wool or part cotton is best, and if
part cotton is advisable, what per-
centage of cotton is best."

KOREAN COSTUMES GIFT OF MISS MORRIS TO ALMA MATER

Graduate Sends New Year Dresses to
Textiles Department

Bright pink silk New Year's day
clothes from Korea, with pleated
skirt for a little girl and baggy trou-
sers for a little boy, are now being ex-
hibited in the show cases of the cloth-
ing and textiles department. Harriet
Morris, '18, who has been teaching
in that country, was the donor.

Gay purses to match, embroidered
leather thimbles for the first finger,
quilted cotton shoes that tie about
the ankle, a millet filled bed bolster
covered with silk, a young man's fan,
and a bamboo comb add to the ex-
hibit. Paper figures of adults painted
to show accurately the costumes of
the country are also in the cases, and
include those of a young bridegroom
and his bride with her eyes pasted
shut according to the tradition.

Five to Washington, D. C.

Kansas State college is being rep-
resented at the annual meeting of
the American Association of Land
Grant colleges in Washington, D. C.,
this week by President F. D. Farrell,
Dean Margaret Justin, Dean R. A.
Seaton, Dean Harry Umberger, and
Prof. R. I. Throckmorton.

Boy Scouts To Be Guests

Boy Scouts from the Jayhawk area,
a thousand or more of them, will at-
tend the Kansas State-Iowa State
football game here Saturday, Novem-
ber 24. Visiting scouts will see two

of the outstanding teams of the Big
Six. Kansas State's eleven needs a
victory in order to meet Nebraska for
the championship on Thanksgiving
day.

Football Schedule, 1934

Sept. 29—Kansas State 13, Fort Hays
State 0.
Oct. 6—Kansas State 13, Manhattan
college, N. Y., 13 (tie).
Oct. 12—Kansas State 20, Marquette
university 27.
Oct. 20—Kansas State 13, University
of Kansas 0 (Homecoming).
Oct. 27—Kansas State 0, Tulsa univer-
sity 21.
Nov. 3—Kansas State 14, Washburn 6.
Nov. 10—Kansas State 29, Missouri
university 0.
Nov. 17—Kansas State 8, Oklahoma
university 7.
Nov. 24—Iowa State at Manhattan.
Nov. 29—Nebraska university at Lin-
coln.

Big Six Standings

	W.	L.	T.	Pct.	Pts.	OP.
Kansas State.....	3	0	0	1.000	50	7
Nebraska.....	3	0	0	1.000	16	6
Oklahoma.....	2	2	1	.500	57	21
Iowa State.....	1	2	1	.375	19	19
Kansas.....	0	2	2	.250	7	23
Missouri.....	0	3	0	.000	0	73

Big Six Scores

Kansas State 8, Oklahoma 7.
Nebraska 3, Kansas 0.
Missouri 13, Washington U. 40.
Iowa State 33, Drake 12.

Games This Week

Kansas State vs. Iowa State at Man-
hattan.
Nebraska vs. Missouri at Lincoln.
Oklahoma vs. Oklahoma A. & M. at
Stillwater.
Kansas vs. Michigan State at Law-
rence.

UNDEFEATED TWO MILERS PREPARE FOR BIG SIX MEET

Haylett's Team Makes It a Perfect Day
for Wildcats by Winning
29 to 26 at Norman

Coach Ward Haylett's undefeated
two-mile team broke Oklahoma's all-
victorious record Saturday afternoon
by defeating the Sooners 29 to 26 be-
tween halves of the University of Ok-
lahoma-Kansas State football game.
Haylett is now grooming his team
for the Big Six conference two-mile
race next Saturday at Lawrence be-
tween halves of the Kansas-Michigan
State football game.

Undefeated in dual meets with Ne-
braska, Missouri, and Oklahoma, the
Kansas State two-milers are favored
to win the conference title. Kansas
and Iowa State do not have teams
this year.

Lochner, Oklahoma ace, was first
to finish in the dual race Saturday.
His time was 9 minutes 48.8 seconds.
O'Reilly, Kansas State, was second;
Cleveland, Oklahoma, third; Robin-
son, Kansas State, fourth; Wheelock,
Kansas State, fifth; McGinnis, Okla-
homa, sixth; Messick, Kansas State,
seventh; Boyd, Oklahoma, ninth; and
Butler, Oklahoma, tenth.

Other victories this season for the
Kansas State team were 32 to 23 over
Missouri, 35 to 20 over Nebraska, and
29 to 26 over Drake, the latter a non-
conference team.

Krider Has Puppet Show

"The Enchanted Prince" is the
title of the show in which Alden Krider,
'33, will present his marionettes
at the high school auditorium Novem-
ber 26. The show is sponsored by
the junior theater group of the A. A.
U. W. Krider was in New York City
last year studying art on a scholar-
ship.

PROGRESS OF KANSAS PRESS F. E. C.

L. T. Perrill, editor of the Caney
Daily Chronicle, put out an Armistice
day celebration booster edition. He
got out an eight-page edition con-
taining the advertisements of 75 busi-
ness firms and professional men,
along with a great deal of news.

Will L. Townsley, editor of the
Great Bend Tribune, ran an interest-
ing feature on the front page of a re-
cent issue of his paper headed
"Where were you 16 years ago to-
day?" Under this he gave the names
of war veterans and their own state-
ment of where they were at that time.

Perry Betz and L. C. Krenkel, pres-
ent owners of the Cawker City Led-
ger, are perfecting a corporation
known as the Cawker City Publish-
ing company. The business is being
incorporated for \$5,000 and the stock
has been subscribed. This money will
be invested in equipment and the in-

stallation of a new plant in Cawker
City.

The Ottawa Record, a bi-weekly
publication of the junior and senior
high school, is a creditable paper. The
front page has an attractive make-
up with almost perfect balance while
the entire paper is well representa-
tive of all departments in school.
The Record is edited and published
by the English VII class of the Ot-
tawa high school.

Harold Dendurent, '34, took over
the Johnson Pioneer early this month,
now being editor and business man-
ager of that paper. The Pioneer al-
ways has been a newsy, well-edited
paper under the management of Rol-
and Jacquot, owner. Since being
graduated from Kansas State college
last spring, Dendurent has been work-
ing on the Manhattan Morning
Chronicle.

TITLE CHANCE AT STAKE AS IOWA STATE INVADES

'FORGET NEBRASKA UNTIL AFTER
SATURDAY,' WALDORF URGES

Kansas State Coach Believes Cyclones
Are Hazardous Hurdles for His
Rapidly Improving Squad—Un-
defeated in Conference

"Forget Nebraska until after Sat-
urday's game," is the admonition of
Coach Lynn Waldorf to the Kansas
State college football team and par-
tisans this week as he prepares his
squad, undefeated in conference play,
for the invasion of the Iowa State
Cyclones.

Waldorf believes Iowa State consti-
tutes a hazardous hurdle and that
the Wildcats are in no position to be
thinking about Nebraska. He points
to the record of the Cyclones to back
up his belief.

"Against Drake last Saturday Iowa
State clearly demonstrated a return
to form by humbling the Bulldogs
33 to 12 before the third quarter was
over and using reserves the remain-
der of the contest. The Cyclone
touchdown marches rolled up 263
yards rushing and 131 on forward
passes for 13 first downs. The ver-
satile attack included scoring by al-
most every conceivable way—long
runs, short passes, long passes, and
straight line play.

BEST IOWA STATE TEAM IN YEARS

"They have a fine passing game,
undoubtedly as good as any we have
met this year," Waldorf continued in
his review of the next Wildcat foe.
"In Neal, sensational sophomore,
Miller and Allender, all shifty and
fast, they have men who are likely
to score from any place on the field.
They will take advantage of any
lapses we may show.

"By defeating the University of
Iowa 31 to 6 the Cyclones indicated
their strength. Although beaten 7
to 6 by Nebraska they matched gains
with the Cornhuskers. After playing
poorly against Oklahoma they re-
turned to form against Drake. The
team is unquestionably their best in
several years and they usually play
their finest game of the season
against Kansas State."

TITLE CHANCE AT STAKE

The Kansas State-Iowa State series
has been renewed and fiercely fought
every year since 1917. The Cyclones
have won nine games to Kansas
State's seven, with one tie. The
Iowans have scored 148 points to
118. Only during the six-year reign
of Bo McMillin was Kansas State able
to more than hold its own, winning
four and losing two. One loss was
expensive, however, as the 7 to 6
victory of the 1931 Iowa State team
cut Kansas State out of second place
in the Big Six.

As a result of that defeat, "remem-
ber 1931" might well be the slogan
for the game here Saturday. It will
be a fitting climax to an eventful sea-
son for Kansas State's sophomore
team which is coming along at high
speed as the new men gain experi-
ence. A Big Six title chance for
Kansas State lies in the balance.

For eight Kansas State seniors the
Iowa State game will be the last ap-
pearance in Memorial stadium. They
are:

Captain George Maddox, 212 pound
right tackle, one of the outstanding
players in the middle west in his posi-
tion.

James Freeland, 6 foot 4 inch end
and a line mainstay for two seasons.

Gene Sundgren, 158 pound guard,
smallest man in his position in the Big
Six. Waldorf calls him "the most per-
fect lineman from the standpoint of
finished performance I have ever
coached."

Dick Armstrong, 160 pound quarter-
back. For two years an understudy to
"Ramming Ralph" Graham, Armstrong
got his first real chance in his senior
year, and immediately became a regu-
lar and an outstanding back.

Oren Stoner, 181 pound halfback, lost
his first year of competition by crack-
ing an ankle just before the opening
game. Last year he was a regular in
the greatest backfield Kansas State has
had, and this year has been the main-
stay for the 1934 Wildcats, as the out-
standing punter and passer, a fine ball-
carrier, competent blocker, and a power
on defense.

Leland Shaffer, 190 pound blocking
back. Called "the best blocking back
in the Big Six beyond a doubt" by Wes
Fry, Kansas State backfield coach,
Shaffer has been held back all year,
first by a leg, and then by a shoulder,
injury. His last home game will be his
first chance of the year to go at top
speed.

Lloyd Sconce, Halstead, senior tackle,
who was kept from lettering the past
two years by injuries. The injury jinx
has let him alone enough this year that
he has become a valuable reserve as
understudy to Captain George Maddox.
Sconce is the number two man for the
position.

Henry Kirk, Scott City, one of the
Kirk brothers in the Kansas State back-
field, will be playing his last game at
halfback. He was out due to injuries
last year.

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Number 11

FOUR TEAMS REPRESENT KANSAS STATE AT CHICAGO

STUDENT JUDGES HAVE OUTSTANDING RECORD TO MAINTAIN

Grain, Poultry, Livestock, and Meats Teams Enter Intercollegiate Contest at International Livestock Exposition Next Week

Four student judging teams representing Kansas State college will leave this week for Chicago where they will compete with teams from all sections of the United States at the International Livestock exposition. The four teams—meats judging, livestock judging, poultry judging, and grain judging—will be defending an enviable record established by teams representing Kansas State college at the International, the American Royal, and other major livestock shows and expositions throughout the country. Seldom has a Kansas State judging team placed below the first division in a major show.

First in meats identification, third in livestock judging, and fourth in crops judging was the record of the three student judging teams which entered the American Royal at Kansas City in October.

FOUR TO BE NAMED

The grain judging team, coached by Prof. J. W. Zahnley of the agronomy department, will compete in the intercollegiate contest in Chicago which is sponsored by the International Grain and Hay show, the International Crop Improvement association, and the Chicago board of trade. Four of these five students will be named to make the trip: Lewis Evans, Washington; Ray Dicken, Winfield; Frank Parsons, Manhattan; George Rogler, Matfield Green; and Gerald Simpson, Milton.

Members of the poultry judging team who will compete in the intercollegiate contest include: I. B. Hawk, Effingham; L. E. Miller, Agra; J. R. Patton, Columbus; L. J. Sconce, Halstead; and N. O. Thompson, Manhattan. The team will be accompanied by Prof. H. M. Scott, the coach.

AN UNUSUAL RECORD

The four members of the men's meats judging team will be selected late Wednesday from this group of six: Phillip W. Ljungdahl, Menlo; J. Edwin McColm, Emporia; Howard A. Moreen, Salina; H. T. Niles, Olivet; Robert R. Teagarden, La Cynge, and J. L. Myler, Andover. The meats judging team is coached by Prof. D. L. Mackintosh. In 1931 the Kansas State team, coached by Professor Mackintosh, placed first at both the American Royal in Kansas City and the International in Chicago. It was the only team ever to place first in both events.

The livestock judging team, now on a trip to Oklahoma A. and M. college in Stillwater, probably will be selected from this squad: Lee Brewer, Hartford; Charles Murphey, Leoti; Walter Lewis, Larned; Charles Team, Wichita; Albert Thornbrough, Lakin; Mauric Wyckoff, Luray; and Clifford Harding, Wakefield.

THIRTY-FOUR COEDS ENTER YEARBOOK BEAUTY CONTEST

Final Selection To Be Made at Beauty Ball December 15 by an Artist, Staff Announces

Names of 34 Kansas State college coeds who will seek the coveted title of 1935 Royal Purple beauty queen have just been announced by the staff of the Royal Purple, college yearbook. Preliminary choices will be made from photographs and final selections will be made at a beauty ball December 15 by an artist, according to Spencer Wyant, Topeka, the editor.

The candidates: Virginia Dole, Salina; Arlene Smith, Topeka; Mary Danner and Caroline Schoettker, Springfield, Ill.; Paula McDaniel, Topeka; Barbara Graves, Auburn, N. Y.; Wilma Lee Matherly, Kansas City, Mo.; Jo Anne Stone, Caney; Gwen Plank, Kansas City; Gladys Niles, Liberal; Leslie Fitz, Chicago; Helen Colyer, Hiawatha; Monita Harris, Parsons; Rosalind Almen, Mc-

Pherson; Betty Jean Hedges, Kansas City, Mo.; Mary Heeter, Kansas City; Jean Johnson, Olsburg.

Betty Lee McTaggart, Belleville; Betty Powell, Topeka; Kay Holman and Mary Jean Edelblute, Manhattan; Oda Mae Tracy, Salina; Nadine Wallace, Manhattan; Dorothy Sewell, Coweta, Okla.; Georgiana Avery, Coldwater; Helen Ellis, Kansas City, Mo.; Pauline Sherwood, Grenola; Frances Julian, Kansas City; Mary Katherine Ryan, Manhattan; Ruby Corr, Clearwater; Virginia Herst, Argonia; Marjoria Cordts, Overbrook, and Mabel Brasche, Alma. Several candidates are yet to be selected.

'TIPS TO CORRESPONDENTS' READY FOR KANSAS EDITORS

Rules, Suggestions to 4-H Reporters, and Simplified Style Sheet in Bulletin by F. E. Charles

"Tips to Country Correspondents" is a new Kansas State college bulletin, industrial journalism series 13, which is already proving popular with Kansas editors.

Prepared by F. E. Charles, associate professor of journalism, the bulletin contains recognized rules on how, when, and where to write and who and what to write about; pertinent suggestions to 4-H club reporters; and a simplified style sheet. Many editors have already written in for copies of the bulletin for their rural correspondents. The 24-page bulletin is 10 cents per copy.

"Every country newspaper correspondent should know: What is and is not news, where to get the best news, the value of names in news, the value of accuracy in news, when a story should be written, how much space a story is worth, the importance of agricultural copy, why some news should not be printed, how to leave himself out of the story, the style sheet rules of his newspaper, how to put the facts into a readable story," Professor Charles says in a preface to the bulletin. He then answers each of these problems in a practical and easily understandable manner.

TEN-DOLLAR WATER COLORS, OILS, ETCHINGS EXHIBITED

New York Gallery Sends 25 Pictures of Varied Styles, Subjects for 2-Week Showing

Small oil paintings, bright water colors, lithographs, etchings, compose the Ten-Dollar-Gallery show which has displaced the Henry Varnum Poor exhibition in the department of architecture gallery. It will be there until December 10, when it in turn will give way to the annual Christmas showing of Kansas artists' work—that of Birger and Margaret Sandzen, the Halls, Herschel Logan, Robert Lockard, John Helm, C. A. Seward.

The 25 pictures in the current exhibition include one by the famous Japanese artist Yasuo Kuniyoshi, an Adolf Dehn lithograph, and a Presoir study of a girl. "The prints are regularly \$10 ones, but the oils here are such as ordinarily would be quoted at \$50 to \$100, and the water colors are worth three to five times the price," commented John Helm, Jr., of the department of architecture, who has been in charge of the exhibitions the last few years. "They are not the masterpieces that Poor's work was, but they have an excellence of their own. And there is enough variety that everyone will be interested."

Students in Washington, D. C.

Five students represented the Collegiate 4-H club of Kansas State college at the annual American Country Life association conference in Washington, D. C., November 16 to 19. Robert Spencer, Leavenworth county, was the official delegate. He was accompanied by Grace Burson, Logan county; Iola Meier, Dickinson; Lebert Shultz, Greenwood; and Frank Jordan, Mitchell. The annual meeting was devoted to a discussion of problems and goals for those working toward rural development.

HOME ECONOMICS STAFF OPENS 'ADVISORY SERVICE'

FREE INFORMATION ON PROBLEMS OF DOMESTIC ECONOMY

Citizens, College Students, May Consult Specialists on Child Care, Diet, Dress-making, Interior Decoration, Laundry Difficulties

A free "Advisory Service" is to be conducted by the faculty of the division of home economics each Friday afternoon from 3 to 5 o'clock in Calvin hall, beginning December 7. This was announced yesterday by Dean Margaret M. Justin.

Housewives unsure about the kind of wall paper to use on that small, dark living room, or harassed by their children's refusal to eat their cooked breakfast food or by a need to cut down the grocery bill without sacrificing the family's health—these may now get advice from experts with no charge.

PROVIDE CONSULTATION ROOMS

"We shall provide separate rooms for consultation on different types of problems," said Dean Justin. "And each person may present her problems to the faculty specialist in privacy. The fat coed may be advised as to how to reduce, and yet not hurt her health, without anyone overhearing the conversation. Mrs. Citizen may confide the naughtiness of her young son and get suggestions for reform without any loss of pride." Each department is placing its faculty at the service of the community.

The division has had a foods and a baby clinic before, but this is the first time that the resources of the entire group have been made so easily accessible to the general public.

"We of the art department would be glad to help women with their redecorating problems," or tell them how they can put new and old types of furniture together and yet achieve harmony, or how to handle a bare wall space where a picture would look like a postage stamp," said Miss Dorothy Barfoot, head of that department. "Or we can tell them what colors and designs they should avoid in their clothes. Or what to do with drapes which have faded but are unworkable and of excellent quality."

ADVICE ON MANY PROBLEMS

"The clothing and textiles faculty will be glad to help people with their purchasing problems—advise about blankets and towels, laundering. And if a woman is having trouble making over a dress or cutting out a new one, perhaps we can help her with that," suggested Miss Alpha Latzke, head of this work.

Mrs. Leone Kell, of the department of child welfare and eugenics, and Miss Jennie Williams, R. N., will have charge of problems relating to children. Miss Myrtle Gunselman and her staff will be available for consultation on budgets, consumer practices in general. Miss Mary Taylor will advise on small and large kitchen equipment, kitchen and laundry problems; Mrs. Bessie Brooks West, on planning organization banquets.

REPORTS OF POISON THISTLES UNFOUNDED SURVEY REVEALS

The 'Weed' Is Proving Valuable as Emergency Livestock Food

Reports that Russian thistles were poisonous when fed to cattle under some conditions were found erroneous by five members of the staff of Kansas State college who recently were requested to make a survey of the feeding value of Russian thistles in the western part of the state. The five men, who worked in two groups, one in the northwest and one in the southwest, did not find a single case in which thistles had proved poisonous. They reported seeing thousands of tons of Russian thistles stacked or baled. The thistles are selling in some places baled for as much as \$10 per ton.

Previous research had shown that thistles have a high food value, almost equal to that of alfalfa. When dry the thistles are processed by means of a hammer mill and fed in much the same manner as silage. In

many parts of the western half of the state this seems to be about the only feed available for livestock this winter. Those who conducted the survey saw one herd of dairy cattle which had been fed on processed thistles for six weeks. The herd had not only gained in flesh but in milk production. Since thistles grow well during seasons adverse to forage crops they are an important substitute in emergency years.

Those who made the survey included Prof. F. C. Fenton, head of the agricultural engineering department; J. W. Linn, associate professor of dairy husbandry; Prof. H. W. Cave of the dairy husbandry department; C. G. Elling, associate professor of animal husbandry in extension, and Dr. J. W. Lumb, associate professor of veterinary medicine in the extension division.

J. H. PARKER MADE FELLOW OF AGRONOMIC SOCIETY

One of Three Chosen by National Organization This Year—Throckmorton Retiring President

Dr. John H. Parker, professor of crop improvement at Kansas State college, was appraised last week of his election as a fellow of the American Society of Agronomy. The honor, conferred annually upon three agronomists in the country, was made known from Washington, D. C., during the society's annual meeting. Doctor Parker's principal contributions in the agronomic field have been noteworthy studies in plant breeding. While on leave of absence from Kansas State six years ago, he earned a doctor of philosophy degree from Cambridge university.

Fellows in the American Society of Agronomy are chosen on the basis of research and activity in agronomic work after the candidates have devoted at least 10 years of work to the society. Others chosen this year are R. M. Salter, head of agronomy, Ohio experiment station, Wooster, Ohio, and F. D. Ritchey, newly appointed chief of the bureau of plant industry, U. S. D. A.

Prof. R. I. Throckmorton, head of the college department of agronomy, is the retiring president of the society, having attended and presided over its sessions in Washington last week. Other past presidents from Kansas State are A. M. Ten Eyck, Dean L. E. Call, Dr. W. M. Jardine, M. A. Carleton.

MISS STURMER REVIEWS TWO BOOKS OF CRITICISM

Discusses Croce's 'Conduct of Life,' Anonymous Volume on American Authors

Bernadotte Croce's "Conduct of Life" and the anonymous "Literary Spotlight" were the two books published in 1924 which were reviewed November 20 by Miss Anna Sturmer, in the fourth of this season's series of English lectures, given in Calvin hall.

Croce, she said, belongs to the impressionist group of writers of criticism, rather than to the dogmatists. She briefly traced his career from his birth in 1866 in Naples, through his nomination to the senate in Italy in 1910 and his appointment to the ministry of education, 1920. He is an idealist in philosophy, she said, a follower of Kant and Hegel.

She read quotations from "Conduct of Life" showing Croce's ideas on religion and peace of mind, on sex, on forgiving and forgetting, on truth telling, and other phases of life.

Ten of the 30 American writers discussed in "Literary Spotlight" she took up briefly while Prof. R. N. Rocky threw onto a screen the cartoons of them with which the book was illustrated.

Prof. Charles Matthews spoke last night on books of 1925—novels, biographies, poetry, drama. Prof. H. W. Davis and Miss Annabel Garvey will together take up the literature of 1926 December 6. All lectures are at 8 o'clock, on Tuesdays, in Calvin hall.

'READ TO UNDERSTAND LIFE' CRAWFORD URGES AUDIENCE

FORMER DEPARTMENT HEAD ADDRESSES STUDENT ASSEMBLY

Says People Should Read a Book a Week—Not 'Literature of Escape' but That Which Simplifies, Clarifies Life

Reading the right kind of literature gives people a clearer understanding of modern life and helps them adjust themselves to it. This was the theme of last Thursday afternoon's student assembly talk, "Literature is News," by Nelson Antrim Crawford, editor-in-chief of the Household Magazine, Topeka. Mr. Crawford was head of the Kansas State college department of journalism from 1915 to 1925.

Literature is news, he explained, if the broader definition of news (objective facts plus interpretation of them) is used. He showed the need of people in the present complex world for honest, direct interpretation of facts. "Man no longer believes himself the center of the universe. Time and space have ceased being for him separate entities. He knows that he is not a free agent in this world—that he is bound by his racial inheritance, by national influences, by the functioning or non-functioning of his endocrine glands, by the 'set' given to his unconscious self by the first five years of his life."

LITERATURE FOR ADJUSTMENT

When he realizes that he cannot understand his environment and is not important to the universe, he has three courses open to him, continued Mr. Crawford—to change the environment, to avoid it by withdrawing from reality, and to adjust himself to it. The first is "incredible"—one cannot go back to an earlier civilization. Many take the second course of refusing to face facts; they shut themselves up in their ivory tower of illusion, read magazines like True Romances or detective and wild west ones, or glamorous tales of past ages—the "literature of escape," in which people don't act or think or feel like those in real life.

But the right kind of literature can help people understand the new universe and adjust themselves to its changed sense of values, its new code of conduct. Such literature simplifies and clarifies life. Some writers educate us by means of disguise, because ancient taboos and fears prevent our facing life entire. Their disguised theme, stated baldly, might be unacceptable to a reader, but in disguise will be acquiesced in by his unconscious self, which recognizes it as truth.

'READ A BOOK A WEEK'

Mr. Crawford urged his audience to read a book a week, all kinds—science, poetry, fiction, old and new. But in reading the old don't choose the literature of escape, he warned. Rather take that part of our literary heritage which has significance for today.

He opened his talk with a tribute to Dr. J. T. Willard, who had introduced him, declaring that no other person had done as much as had Doctor Willard for liberal education in this institution, and that in any history of education in the middle west he would rank among the most important of the period.

The Rev. W. A. Jonnard, rector of the Episcopal church, led the devotionals, and the Misses Clarice Painter and Alice Jefferson played a two-piano number at the first of the hour.

Hutchinson Women Make Gifts

Chintz dating back to 1837 has been given to the art department by the Hutchinson descendant of a seafaring family, who says that the textile was bought either in Portugal or in England and was originally used for drapes on a four-poster bed, part of her great grandmother's dowry. A full length window drape of toiles de jouy on linen also has been donated by another Hutchinson woman. Both gifts came as a result of a talk by Miss Maria Morris in that city.

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WEDNESDAY, NOVEMBER 28, 1934

WHO DARE STAND ALONE

Among the robust individualists we admire: men who serenely wear spats out of season, women who muscle their way into fields traditionally dominated by men, a state that votes for prohibition when others favor repeal, opponents to new deals, the person who won't be bulldozed into contract bridge, the man with courage enough to attend formal functions in business suit, any man or woman who will stand out against the crowd.

The admiration persists in the face of a belief that nothing is more potent in making America great than the way her citizens participate in any conceivable game of "follow the leader." With gusto we go in for fads and fancies, styles, crusades, new deals, peace leagues, and world wars. We fit into custom-built patterns like sardines in a box, largely because we are taught that way in our schools—from kindergarten through college.

Our country is strong because of the mass action that can be obtained through well-timed propaganda. Paradoxically, it profits from a generous quantity of independent thought and action; from those who have courage to stand out against ridicule in social, political, religious, and educational matters; the Edisons, the McCormicks, the Fords, the Borahs, the LaFollettes, the Hiram Johnsons, the Upton Sinclairs, the Nicholas Murray Butlers; the Charles M. Sheldons.

In questions great and small it takes consideration of opposing views to produce balanced judgment. Socialization is good for the individualist, who, in turn, acts as a check on socializing influences. Given wide dissemination of information concerning all issues, the two should live together profitably a long while in America. And may we always have with us the man who dares stand alone.

BOOKS

For Outdoorsmen

"First Aid Afield." By Paul W. Gartner. The Macmillan Company, New York. 1934. \$1.25.

Kansas State alumni of a few years back will remember the author of this little book as a graduate in industrial journalism with the class of 1928. Since his graduation he has written frequently for magazines of outdoor life.

In this handbook he offers a safety code for all who love the out-of-doors, whether they go into the wildest of country for recreation or merely to the open road. Gartner's lessons in first aid, however, would come in most handy for the victim of accident remote from civilization. Gartner first tells what to do in case of accident in the woods or mountain country; how to splint broken bones; how to make bandages, slings, stretchers; how to prevent bleeding, and how to effect other emergency measures.

Later he explains how to save the drowning person and, once the victim is dragged ashore, how to revive him with artificial respiration.

The material is presented from the viewpoint of outdoorsmen. It is not new information but is well presented in a new way. Illustrations help to clarify the text.—F. E. Charles.

ART

Krider's Marionette Show

Mr. and Mrs. Alden Krider's marionette show, "The Enchanted Prince," which gave two performances Monday in the Manhattan high school auditorium, was highly artistic and enjoyable. From the first parting of the cerise brocade curtains to Krider's own appearance in shirt sleeves, crouched on the tiny stage for his curtain call, it held both children and adults in delighted attention.

The play concerned the adventures of eight-year-old Lucille Brown and Prince Robin who had been changed into a cabbage by the conniving of his ambitious cousin, Duke Zander, with a wicked Oriental magician, Ratskin. Their journey to the palace kitchen where Robin narrowly escaped being made into soup, to the Sage on the mountain top where Robin regained his normal shape, his duel with his scheming cousin and the dragon, and his return to the throne room provided many thrilling adventures. The play had been written by the Krideres and was well handled, with an amusing combination of modern slang and medieval phraseology.

The puppets themselves were admirably done, both as to face and costume. The five sets were also completely satisfying: the garden with its hollyhock row beyond the picket fence, the frowning thatched roof house in the wood, the royal kitchen, the throne room, the two mountain scenes—all were worked out with great care for detail. For between-act music the Krideres had used Grieg's Peer Gynt suite on a victrola—in keeping with the fantastic tale being enacted.

Krider himself read all the parts except those of Lucille and her mother, which Mrs. Krider had—a difficult task. The dead-level slow intonations of the King, the sprightly falsetto of the jester, the thin voice of the cabbage, the French accent of the chef, the barking of Lucille's puppy were excellently done. The voice of the Sage, however, was confusingly like that of the King; Robin's and Zander's also too similar. The large number of characters used was a stimulus to interest but made too great demands of voice flexibility for one person.

The movements of the marionettes except for their walking were very convincing, and even that was excellent for two people who have only recently started experimenting in this art, so little known in the midwest.

Both Alden and Margaret Bacon Krider were graduated from the department of architecture in 1933, and during their undergraduate days were active in dramatic circles, he in designing and painting stage sets, she in acting lead roles. Their active interest in the puppet show developed last year during their semester in New York City when Mr. Krider was studying art on a scholarship he had won. Testimony to the enthusiasm engendered by "The Enchanted Prince" is the decision of the junior high school to work on a marionette project.—H. P. H.

BOUQUET FOR ENGINEERS

No training today is more valuable than that of engineering. It is vital in many promising lines of work if for no other reason than its rigorous intellectual discipline. Most college courses are worse than useless. They offer the student information of not the slightest consequence relative to the stupendous problems he must later attack. Worse yet, they either ignore or else unwittingly encourage sloppy, half-baked thinking, poor attention, feeble concentration, inaccurate observation, reading and reporting, and, finally, facility in rehashing other people's ideas without even a dash of independent thinking.

Not so, engineering. I grant that many engineers are single-track minds and frequently without imagination. But I have never yet met an engineer who, when presented with a problem of interest or importance to him, did not attack it in orderly, precise fashion. He understands and practices aims and techniques of the most effective thinking processes better by far than the ordinary Ph. D.—Walter B. Pitkin in "New Careers for Youth."

The writers against religion, whilst they oppose every system, are wisely careful never to set up any of their own.—Edmund Burke.

FUTURE WARS WILL BE FOUGHT IN THE MUD, GENERAL JAMES G. HARBORD, '86, BELIEVES

The military career of General James G. Harbord, '86, is familiar to thousands of his fellow Kansas State college alumni. Beginning as a private in 1889, he advanced to chief of staff of the A. E. F. in France during the World war. His long service enables him to speak with authority on war problems. Though now retired, he is chairman of the board of the Radio Corporation of America. Recently he was interviewed on the probable nature of future wars. He said that talk about the horrors of future wars is a lot of nonsense, that the next war (like the last one) will be fought "in the mud." In the following excerpt from the article, General Harbord debunks some of the popular claims of war alarmists. It is reprinted by permission of the Kansas City Star and the North American Newspaper Alliance.

One of those firm and deep convictions of General Harbord is that this country should have an air force second to none. The proposal to give the army 2,320 planes—nearly twice as many as it has now—has his whole-hearted support. Another of his convictions is that there are certain things planes can do in war, and certain things they can't do, except in the fevered fancy of war alarmists.

If enemy planes tried to maintain floating bases within striking distance of our shores, they'd have our navy to deal with. That is, about all an invading air armada would have to do before it got down to blowing up the women and children in our cities would be:

Overcome our battleships with anti-aircraft guns and airplanes.
Sweep aside our harbor defenses.
Lick the land forces that would be concentrated at the danger point.
Occupy a slice of territory around the city picked out.
Transport enough troops somehow to keep the captured territory captured.

After that, they'd have to battle the aircraft the United States would assemble—working from our established, completely equipped bases.

GENERAL BALBO HAD SERVICE

"One of the most spectacular feats of transoceanic aviation—General Balbo's feat in bringing his air armada from Italy to Chicago," he said, "was a splendid achievement. It showed what genuine progress aviation has made in the last few years. And, even more clearly, it showed the remoteness of any air raid danger to America. Yet eight bases for that flight were set up in foreign countries. There were eleven surface vessels serving them. Could any such setup as that be made—maintained—protected in war time?"

No bomb has yet been made that could knock down one of our modern, steel-framed skyscrapers in one terrific explosion. And again the general bluntly, simply, set a recorded fact against the hysterical speculations of the alarmists. When the Pee Dee River bridge in North Carolina was condemned, somebody thought it would be a great idea for army bombing planes to take a workout on it and see what they could do.

TOOK A BIG BOMB

Well, they smacked the bridge with a few small bombs first. And knocked off a few splinters. Next they hurled some 300-pound bombs. Then down came some 600-pounders. They made a few dents—but, if enemy troops had been streaming across the bridge, they would still have been streaming after those hits. Finally, several 1,100-pound bombs were dropped. One of the spans fell away then. That

IN OLDER DAYS

From the files of The Industrialist

TEN YEARS AGO

Approximately 600 high school boys attended the district H-Y conference held on the Aggie campus.

First place among the grain judging teams of the United States and Canada was won by the K. S. C. team in the international crops judging contest in Chicago.

TWENTY YEARS AGO

Due to the war, books published in Europe advanced 10 per cent in price.

The Engineers' association voted to publish an engineering journal each term.

Washburn defeated the Aggies 26 to 16 on Ahearn field—the first time since 1907 that the Aggies lost to Washburn.

THIRTY YEARS AGO

Only Thursday was given over to Thanksgiving vacation, students re-

turning to classes on Friday morning.

Asst. R. H. Brown of the music department published a "Bandman's Handbook," including information on regulation for membership, organization, instrumentation, formation and marching, care of instruments, salutes, ceremonies, tempos.

FORTY YEARS AGO

May Harman, '93, spent Thanksgiving day with her sister and brother in fourth-year classes.

Students from Johnson county were entertained by Susan and Ary Johnson at the Parker cottage. Parlor games and practical jokes were the chief features of the evening. Those present were Misses Staver, Walmer, Dille, Ada Zimmerman, Nannie and Julia Williams, and Messrs. Pincomb, Uhl, Staver, Steel, Rhoades, Payne, and Marty.

FIFTY YEARS AGO

Warren Knaus, '82, attended the sociable on Thursday evening. Among student expenses were cost

of text-books at the book store, for the first year, about \$4 a term; for the second year, \$2.75; for the third year, \$7.50; and for the fourth year, \$5.50.

FOG

Carl Sandburg

The fog comes
on little cat feet.
It sits looking
over harbor and city
on silent haunches
and then moves on.

SUNFLOWERS

By H. W. D.

DEAR MACEY

This is, or ought to be, Wednesday, November 28. Up to now I have maintained a stubborn silence about the Dionne girls—a world's record.

But the news that people from all over the world, even as far away as South Africa and Australia, are writing to them at the rate of 100 letters a week, and that Doctor Dafoe expects an extra rush of mail on their 6-months birthday stirs the old urge to write, and I'm sinking fast.

It will be rather disturbing, this attempting to dash off a little note to quintuplets. Writing to one single gal is dangerous enough—and complicated enough, too. But since Yvonne, Annette, Cecile, Emilie, and Marie are altogether only two-years-and-a-half old today, I'm sure there's little danger of their trying to take advantage of any unthoughted promise I might make, or seem to make.

(I'm going to call the girls MACEY for short. You can easily get that out of their initials if you arrange them—the initials, of course—right. This is the ERA of the XYZ's, you know.)

My dear Misses MACEY Dionne: Congratulations on your having survived six months of the most searchingly idiotic publicity ever undergone by any individual—single, double, triple, quadruple, or quintuple. You can thank your extreme youth you can't read it, and I sincerely hope you never have a friend or relative who decides he'd better tell you because he thinks you ought to know.

You, dear MACEY, came, one might say, into this world with lots of enthusiasm. Collectively you have stood two years and a half of the stings and arrows of outrageous fortune in six months in fine shape, and the doctor tells me you are in the pink of condition to go into the game of life for keeps. It speaks well for your stamina, and stamina is a help in these dark hours of government relief and succor.

I wonder if you realize, MACEY, that when you are 16, and unknissed, you will have 80 years of life already back of you. That idea, if it's an idea, haunts me like a very wicked sprite. I wonder if this inquisitive world of ours will then be prying into your affairs as it has been up to now, and if you will have to take five times as much unsolicited advice as the average young girl has to take. If it begins to look like that to you, MACEY, scatter yourself to the four corners of the earth and one of the poles and stay scattered or you'll be five lunatics.

And MACEY darlings, I hope you never allow yourselves to be tempted by vaudeville contracts, as you might if you were talking dogs, Siamese twins, dizzy pitchers, or the parents of luckless public enemies. Always preserve your aloofness, girls, and nothing destroys glamorous aloofness as much as vaudeville does.

But here am I giving you advice that I warned you not to bother with. I intended merely to take my typewriter in hand and let you know that I am glad you are alive and yelling and hope you hope I am the same. We may never meet, MACEY, but I want you to know I'm for you—all of you. I hope you grow up to be a quintet of lovely sisters with sense enough to shoot on sight every booking agent or sob-sister journalist that pokes his nose across the border of the Dionne reservation.

Sincerely,

It has been observed that the height of a man from the crown of the head to the sole of the foot is equal to the distance between the tips of the middle fingers of the two hands when extended in a straight line.—Pliny the Elder.

AMONG THE ALUMNI

J. L. Brubaker, '30, now lives at 1219 Poyntz, Manhattan.

Helen Mundell, '29, is teaching in the high school at Minneola.

Cora (Akers) Frownfelter, '21, lives on a farm near Delavan.

Jeanette Moser, '34, is teaching English and typing at Fostoria.

Dorothea Bacon, '34, is teaching music and history at Kensington.

Deal Six, '22, is teaching vocational agriculture in Vinland rural high school.

Ruth Collins, '34, is teaching home economics at the high school in Alton, Mo.

William Miller Govier, f. s. '34, lives at 547 Gibson street, Kalamazoo, Mich.

Rita Brown, '34, is teaching English, biology, and physical education at Lenora.

Anna Lora Miller, '16, is teaching in the foods department of the senior high school in Salina.

Marvin O. Castle, '31, is teaching vocational agriculture in the high school at Saffordville.

Curtis D. Sides, '32, is teaching mathematics and athletics in the Copeland rural high school.

Mary E. Linton, '16, is teaching home economics at Newton. Her address is 408 West Broadway.

Dr. J. T. Wilson, '10, Pawnee, Okla., is president of the Oklahoma Veterinary Medical association.

Dr. H. A. Hoffman, '17, is in charge of the Poultry Pathological laboratory, 627 F street, Petaluma, Calif.

Maude M. Coe, '02, is an assistant in the college tea room at the Kansas State Teachers college in Emporia.

Florence James, '31, is director of the Kansas State college cafeteria and assistant in institutional economics.

Ivy Constance Barker, '25, is an instructor in journalism and English at Fort Hays Kansas State college, Hays.

Esther Morgan, '32, route 3, Hutchinson, is secretary and bookkeeper at the Hutchinson Cider and Vinegar works.

William R. Curry, '14, and Minnie B. (Pence) Curry, '14, live on route 2, Decatur, Ark. Mr. Curry is a farmer.

H. P. Donnell, '34, is a telephone lineman with the American Telephone and Telegraph company. He lives at Glasco.

Margaret E. Crumbaker, '19, is a home economics advisor for the Kansas emergency relief committee. She lives in Meade.

Raymond F. White, '21, is taking graduate work in education at Kansas State college. His address is 1328 Fremont, Manhattan.

Dr. L. O. Mott, '29, Newcastle, Nebr., is temporarily on the staff of the United States bureau of animal industry in Oklahoma.

Harrol V. Zimmerman, '24, is a salesman for the Missouri Casket company. His address is 3918 Harney street, Omaha, Nebr.

Dr. G. H. Mydland, '14, is mayor of Horton and president of the Horton chamber of commerce. He is practicing veterinary medicine there.

A. H. Zeidler, '27, is auditor of the General Electric Realty company, Erie, Pa. He and Lucile (Stalker) Zeidler, '27, live at 607 Howe avenue, Erie, Pa.

Homer C. Wood, '20, is district supervisor of homestead rehabilitation for northeast Kansas. He and Etha (King) Wood, f. s. '31, live at 1164 Washburn, Topeka.

Stephen Raleigh, '29, is assistant professor of agronomy at the University of Maine, Orono, Me. He received his Ph. D. degree from the University of Minnesota this year.

Joel P. Kesler, '33, and Adelaine (Reid) Kesler, '33, live at 813 Franklin avenue, Wilkinsburg, Pa. Mr. Kesler is taking the sales course with the Westinghouse Electric company.

Niles F. Resch, '32, is with the Prudential Insurance company in Kansas City, Mo. He is supervising the remodeling and improving of houses taken over by the company in foreclosures.

Willis N. Kelly, '12, is superintendent of production and second vice-president of the William Kelly Milling company in Hutchinson. He and

Lou (Gibbons) Kelly, f. s., live at 1811 North Walnut, Hutchinson.

Vernon E. Bundy, '20, called at the alumni office September 17. He is assistant director of the division of information, agricultural adjustment administration, United States department of agriculture. His home address is route 1, Alexander, Va.

Sivert Eriksen, '20, is laboratory director in charge of biological production at Doctor Salsbury's laboratory in Charles City, Iowa. His work recently has been almost exclusively with poultry diseases. His address is 400 Third avenue.

BIRTHS

T. C. Deal and Leola (Ashe) Deal, '23, of Monticello, Ark., announce the birth of a son, Thorson Ashe, November 1.

Leland G. Alford, '18, and Helen (Dawley) Alford, '20, announce the birth of a daughter, Ardith Lenore, November 6, in Chicago.

Harry E. Ratcliffe, '23, and Vera (Twombly) Ratcliffe of Fargo, N. D., are the parents of a daughter, Barbara Lee, born October 24.

MARRIAGES

FORRESTER—MANSFIELD

The marriage of Virginia Forrester, '32, Manhattan, and Joseph Francis Mansfield, Jr., Chicago, took place August 19 at the home of the bride's aunt in Chicago. Mr. Mansfield is an assistant instructor in the athletic department of Northwestern university. They live at 607 Oakdale, Chicago.

FORREN—PETERSON

The marriage of Vera Forren of Neosho Rapids and Eugene F. Peterson, '31, of Yates Center was July 27 in Niskayuna, N. Y. Mrs. Peterson has been teaching in the junior high school at Sterling the past few years. Mr. and Mrs. Peterson are living at 516 Westinghouse place, Schenectady, N. Y. Mr. Peterson is employed by General Electric company.

KJAR—JENNINGS

Inge Kjar, M. S. '34, and Dr. William E. Jennings were married July 28 in Manhattan. Mrs. Jennings is from Bakkegaard, Lenwig, Denmark. Doctor Jennings has been a member of the faculty of the division of veterinary medicine at Kansas State college for the past three years. They live at Ft. Leavenworth where Doctor Jennings has a commission as lieutenant in the veterinary corps of the United States army.

Sigma Tau Has Smoker

Sigma Tau, honorary engineering fraternity, held its annual smoker at the community house recently. About 60 students and faculty members attended. Talks were given by Assistant Dean M. A. Durland and Prof. L. V. White, of the civil engineering department, who is faculty advisor for Sigma Tau. Selection to membership is from the upper one-third in scholarship of the engineering students. All of these candidates were invited. Fred Benson, civil engineering senior, is president.

Johnson Wins Links Tourney

Charles Johnson, Delta Tau Delta, won the medal play intramural golf tournament recently with a score of 77. This marks the beginning of golf as an intramural activity at Kansas State college. Others who placed were D. C. Wesche, independent, second; W. R. Olin, Sigma Nu, third; T. D. Williams, Pi Kappa Alpha, fourth; and Charles Weeks, Kappa Sigma, fifth.

Obtain Testing Equipment

The Kansas highway commission has purchased and installed a modern lathe in the highway road materials laboratory. It will be used largely for turning to a standard size test specimens to be pulled apart in tensile tests. A test is made on every sample of metal material used by the state highway commission.

Students from Many Lands

Enrolment at Kansas State college during the past two years included students from all 105 of the state's counties, from 34 states one year and 28 the next, and from 12 foreign countries. Kansas students constituted 93.6 per cent of the student body one year and 93.2 per cent the next.

LOOKING AROUND

KENNEY L. FORD

The first Kansas State college alumni meeting ever held in Oklahoma City, Okla., was Friday evening, November 16, at the Y. W. C. A. building. Major Harry B. Gilstrap, '91, Myers Duphorne, '21, James C. Richards, '07, Mrs. C. W. Mullen, '11, Anna Maude Smith, '14, and M. M. Williamson, '24, made arrangements for the meeting. Miss Anna Maude Smith, '14, owner and operator of the Anna Maude cafeteria in Oklahoma City, arranged for the dinner. Table decorations were large purple letters, "Kansas State," and small footballs.

Major Gilstrap was toastmaster. Each one present was asked to introduce himself. Lynn Waldorf, head football coach, spoke briefly regarding the Kansas State college football team, which many of those at the banquet followed to Norman the following day to see a thrilling victory over the University of Oklahoma. Mrs. Effie (Woods) Shartel, '85, widow of John Shartel, builder of the Oklahoma City railways, spoke of the great influence for good of former President Fairchild. Mike Ahearn, director of athletics at Kansas State college, was at his best and gave a talk that was thoroughly enjoyed. Kenney L. Ford, '24, alumni secretary, spoke of the relation of the alumni association to the college and took charge of the organization of a club in Oklahoma City. These officers were elected:

Major H. B. Gilstrap, '91, president; Anna Maude Smith, '14, vice-president; and M. M. Williamson, '24, secretary-treasurer.

These registered for the meeting: Fay (Wright) Anthis, '17, and daughter, Fay Evelyn, Muskogee, Okla.; R. S. Thompson, '05, and Mrs. Thompson, '01; Charlotte Russell, '22; Myers Duphorne, '21, and Cleo (Roderick) Duphorne, '20; C. W. Mullen, '17, and Mildred (Huse) Mullen, '11; F. E. Pence and Leona (Hoag) Pence, '18; J. K. Muse, '24, and Agnes (Ayers) Muse, '23; M. M. Williamson, '24, and Mrs. Williamson, all of Oklahoma City; Roy W. Jones, M. S. '28, and Maurine (King) Jones, Edmond, Okla.; F. P. Root, '14, Manhattan, Kan.; Anna Maude Smith, '14; C. Dallas Blachly, '02, and Mrs. Blachly; John W. Blachly, '18, all of Oklahoma City; J. A. Luper, '07, Tulsa, Okla.; Harold J. McGonley, f. s. '22; Major and Mrs. H. B. Gilstrap, '91, Harry B. Gilstrap, 11, and Sam R. Gilstrap; Effie (Woods) Shartel, '85; Nona Fitzgerald; James C. Richards, '07, and Virginia (Kindig) Richards; L. E. Childers, '25; Isabel (Laughbaum) Johnson, '26; Frank A. Swanson, '23, and Carol (Peshel) Swanson, '29, all of Oklahoma City; and Charles A. Leech, '13; Verna (Rumbel) Leech, '13, Muskogee, Okla.; James L. Culbertson, '28, Perry, Okla.; A. A. Holtz, Kansas State college; James E. Ryan and Fred E. Poliom, f. s., both of Manhattan.

Kansas State college alumni and friends had a meeting November 2 at the Lora Locke hotel in Dodge City. After the dinner pictures of the University of Kansas-Kansas State college football game were shown. The dinner was held in conjunction with the meeting of the Kansas State Teachers association in Dodge City.

The following were present:

Kenneth Hall, '30, Jetmore; J. R. Wood, '25, Trowdale; A. E. Cook, '21, Holcomb; P. A. Barnes, '21, Dodge City; Bessie Leach, '30, Dodge City; Arla McBurney, '31, Hardtner; Beulah Leach, Bird City; Josephine Lightner, Dodge City; Venita (Schade) Higgins, '31, and Arlie Higgins, '29, Ingalls; Harold E. Stover, '29, Dodge City; J. D. Woodruff, '33, Dodge City; Henry Burt, '30, Jetmore; E. A. Stephenson, '28, and Iris (Lewis) Stephenson, f. s. '26, Kingsdown; Clarence Nevins, '07, Dodge City; J. D. Adams, '23, Garden City; and Earl Hinden, '26, Syracuse.

Scabbard and Blade Initiates

Queerly dressed men at large on the campus last week were being initiated into Scabbard and Blade, national military fraternity. The initiates were: Frank Shideler, Girard; Leland Harvey, Council Grove; Wicks Schoolcraft, Fredonia; Bruce Nixon, Paradise; Maurice Hanson, Newton; Clarence Crawford, Luray; Wayne Thornbrough, Lakin; Ralph Marshall, Manhattan; Alvin Mistler, Leavenworth; Leslie King, Wichita; Townsend Galley, Manhattan; Roy Beach, Abilene; George Hoopingarner, Manter; George Gerber, Onida; Robert Brown, Manhattan; Clare Harris, Pratt; George Elcholtz, Abilene; Charles Weeks, Wichita; Charles Meyers, Goff; and Leland Propp, Marion.

Cadet Officers Named

Albert A. Thornbrough, Lakin, has been appointed cadet colonel of the Kansas State unit of R. O. T. C. for the year. Dean Swift, Olathe, has been appointed lieutenant-colonel. Cadet majors will be Joe McNay, Howard Moreen, and W. E. Combs. Appointments were made by Lieutenant-Colonel John S. Sullivan. Cap-

tains of infantry will be: L. E. Abbott, R. E. Armstrong, H. C. Kirk, A. J. Mistler, F. G. Parsons, F. V. Pinnick, and O. P. Stoner. These will be captains of artillery: G. R. Brindle, R. D. Crist, V. E. DeGreer, R. G. Brebner, R. L. Heinsohn, G. L. Jobling, L. W. King, F. R. Senti, J. D. Umberger, W. T. Walters, L. A. Zerull. Veterinary captains are to be A. H. Damon, L. C. Donat, O. F. Fischer, L. W. Hibbs, D. C. Kelley, and E. W. Millenbruck. Approximately 125 additional appointments to the rank of first lieutenant, second lieutenant, first sergeant, and sergeant also were announced.

ALUMNI PROFILES

Francis W. ImMasche, graduate in agricultural economics, has had an outstanding record since his graduation from Kansas State college in 1929. He now is in the farm credit administration as assistant to the deputy governor and is in charge of all statistics and financial analyses of the federal land banks, the federal intermediate credit banks, and the other agencies under its supervision.

ImMasche was born on a ranch near Saffordville, Kan., October 21, 1907, and attended the schools there.



FRANCIS W. IMMASCHE

While in college he was president of the Agricultural association and the Agricultural Economics club, manager of the first Ag Barnwarmer, member of the senior livestock judging team, the staff of the Agricultural Student, member of Alpha Zeta, president of the senior class, manager of Ag Orpheum, member of the student council, and of Sigma Alpha Epsilon, social fraternity. Throughout all eight semesters in college he was on the honor roll.

He received a master's degree in commerce and administration from the University of Chicago in 1930 through a scholarship given by the American Institute of Meat Packers. In the four years prior to being appointed to his present office ImMasche was a member of Armour's Livestock bureau, Chicago, served in both the economics and cooperative marketing divisions of the federal farm board, and supervised the statistical units in each of the 12 units of the farm credit administration.

The present position puts ImMasche in charge of all statistical, economic, and financial analysis work conducted in the Washington office relating to the various institutions under the supervision of farm credit administration, as well as supervising the development and coordination of the work of the statistical units in the district offices.

When not on extensive field trips throughout the United States, ImMasche makes his home at the Congressional Country club, Washington, D. C., where he is a member.

Elected to Legislature

Raymond E. Smith, former student and football player at Kansas State college, was elected recently to the state legislature by a margin of 722 votes, defeating the opposing Democratic incumbent as representative of the fortieth district. Smith is a son of Judge and Mrs. Fred R. Smith of Manhattan but since July 1, 1929, has been a resident of Marysville. While at Kansas State he played half-back on the football team.

RECENT HAPPENINGS ON THE HILL

Preparations are being made for a joint Y. M.-Y. W. dance during Thanksgiving vacation for students who remain in town.

The old boiler room back of the engineering building is being cleaned and repainted by the building and repair department with the aid of some of the CSEP workers.

Collegian subscribers, at an election last week, chose Barbara Claassen, Newton, and Wayne Dexter, Waterville, for the two open positions on the Collegian board.

Conflicting opinions on military drill as a college course were discussed at the Peace club meeting November 20 by Tom Page, Topeka. Page resigned his military commission at K. U. last year.

Profs. F. J. Zink, F. C. Fenton, and W. G. Ward, of the department of agricultural engineering, have been making preparations to leave November 30 for Chicago to attend the American Society of Agricultural Engineers meeting December 2 to 5.

At a meeting of the student branch of the American Society of Mechanical Engineers recently, Ernest Hartford explained the new student organization. Thirty seniors expressed their willingness to become affiliated with the A. S. M. E. as student members.

"The Science of Aerodynamics" was the subject of the talk given by Prof. C. E. Pearce, sponsor of the Glider club, for that organization Thursday evening. Professor Pearce plans to make 11 talks of similar nature next semester over station KSAC.

Seven men were initiated into Alpha Zeta, honorary agricultural fraternity, last week. The new members are: seniors, George McCollm, Emporia; Forrest Wolf, Manhattan, and Raymond Dicken, Winfield; juniors, Emery Morgan, Ottawa; Frederick Dudge, Newton; Ned Thompson and Earl Parsons, Manhattan.

The department of food economics and nutrition received some Royal Hawaiian fruits from J. N. Westgate, director of the government experiment station at Hawaii. The fruits, poha jam, pineapple and papaya marmalade, and guava jelly are on display in Calvin hall. Mr. Westgate is a brother of the mayor of Manhattan.

"The Boy in the Meadow" is the title of the play to be given in assembly sometime in December, on an all-student program sponsored by the Y. M. C. A. and the Y. W. C. A. The winners in the tryouts for the play are: Adelle Morgenson, Vesper; Joe O'Connor, Chapman; Alice Sloop, Nortonville; Winifred Wolf, Ottawa; and Helen (Betty) Winter, Clay Center.

The Kansas State-Iowa State football game Saturday was the main event in the Boy Scout day in which boy scouts and scout leaders in the Jayhawk area were guests of the college and Pi chapter of Alpha Phi Omega, honorary scouting fraternity. The boys paraded in the forenoon on the downtown streets, then assembled at the gymnasium before the football game to march to the stadium. This was the third annual Kansas State college Boy Scout day at Manhattan.

Mahatma Gandhi and Popeye the sailor, impersonations by Ona Lee Burson, Manhattan, and Mary Lois Rynders, Wichita, won first prize at the "coed prom," Women's Athletic association party, at the college last Thursday night. The Dutch boy and girl, Arlene Smith, Topeka, and Pauline Compton, Manhattan, were voted the best costumed couple. The Wilson sisters, Theo and Cleo, Manhattan, were judged the best dancers. They appeared as college students attending a varsity dance.

Rathbun with K. C. P. L.

Harold V. Rathbun, '27, and Belle (Stanton) Rathbun, '28, live at 706 West Forty-sixth street, Kansas City, Mo. Mr. Rathbun is assistant to the head of the overhead system department of the Kansas City Power and Light company.

WILDCATS ROMP TO 20-0 VICTORY OVER CYCLONES

SURGE TO FINAL BATTLE FOR BIG SIX TITLE

Coach Waldorf Uses 29 Men in Clearing Final Hurdle in March to Game Which Will Determine Conference Championship

BY H. W. DAVIS

Surging on their way to a final battle with Nebraska for the Big Six title, the Kansas State Wildcats romped over the Iowa State Cyclones 20-0 in an interesting football game on Ahearn field last Saturday afternoon. Coach Lynn Waldorf used 29 of his string during the performance, but there was little to choose as better or best among his many combinations. Only once did the boys from Ames make anything resembling a serious threat of perpetrating a touchdown.

Late in the third quarter Waldorf made a wholesale substitution with a lineup composed of Wassberg, Beeler, Cardarelli, Zitnik, Sconce, Plenthorpe, Peters, Lander, Edwards, Henry Kirk, and Shaffer, most of whom you've heard little about this season. But did the Ames Cyclones seize the opportunity to storm? Well, hardly. With those fresh Wildcat linemen leaping forward like mad, and with Edwards tearing through holes and near-holes, the so-called reserves went straight through for a touchdown just as if that was what Waldorf and Fry wanted them to do—which was probably not far from wrong.

FREELAND TAKES SCORING PASS

The first touchdown came late in the first quarter. The Cyclones had stopped a Wildcat drive on the Iowa 13-yard stripe. Ayers received their punt in midfield and twisted it back to the Iowa 25. He gained 6 on the next play. Then Stoner passed over the goal line to Jim Freeland, who was too high up in the air for the Ames pass defenders. In the middle of the third quarter, Oren Stoner again got his clutches firmly wrapped around the oval and hurled it beautifully for 40 yards to Churchill who suffered body-contact with the turf just a scant yard before he bounced over the goal line. It took "Red" Elder two tries to make the touchdown.

Throughout the game the Wildcat superiority was plainly evident. The long-distance punts of Poole and Allender were more than offset by the punt-returns of Ayers and Armstrong and the out-of-bounds kicks of Stoner and Ayers. Miller, Allender, and Neal, Iowa's scoring threats, were ineffectual most of the time, though Neal's leg-work threw a scare into the Wildcat rooters two or three times.

WALDORF USES MANY RESERVES

If the string Waldorf started is his first string, he kept it pretty well out of the fray and the limelight after the Wildcats had run the count to 14 early in the third period. In fact, Mr. Waldorf spent most of his minutes during the last half walking up and down the bench trying to figure out new wholesale substitution slates to pester the radio announcers and the press boys. He probably also figured that the Nebraska scouts would have to make notes so fast they couldn't get them translated for Dana X. Bible before Thanksgiving day.

The statistics:

	K. S.	I. S.
First downs	11	6
First downs, earned	11	5
First downs, from pass	4	2
First downs, from penalties	0	1
Yards from scrimmage	248	67
Passes attempted	12	11
Passes completed	5	3
Passes, yards gained	101	37
Passes intercepted by opp.	1	3
Yards return, intercepted		
passes	28	0
Penalties	7	0
Penalties, total yards	65	0
Yards lost in scrimmage	37	10
Ball lost on downs	1	1
Punts	15	11
Punts, total yards	466	414
Return of punts	159	28
Kick-offs	1	5
Kick-offs total yards	42	207
Return of kick-offs	28	16
Fumbles	2	2
Own fumbles recovered	2	1
Times out	4	3

The lineups:

Kansas State	Pos.	Iowa State
Churchill	LE	Hood
Maddox (C)	LT	Loyd
Partner	LG	Hayes
Griffing	C	Brown
Sundgren	RG	Coundiff
Fanning	RT	Oberg
Freeland	RE	Grefe
Armstrong	Q	Williams
R. Kirk	LB	Miller
Stoner	RB	Thompson
Elder	FB	Allender
Officials		
Dwight Ream, Washburn, referee; Steve O'Rourke, St. Mary's, umpire; C. E. McBride, Missouri Valley, head linesman.		

The score by periods:

Kansas State	7	0	7	6	—20
Iowa State	0	0	0	0	—0

Scoring: Touchdowns—Freeland, Elder, Edwards. Point after touchdowns—Stoner 2.

SUBSTITUTIONS

Kansas State: Ayers for Armstrong, Plenthorpe for Fanning, Beeler for Partner, Shaffer for R. Kirk, Holland for Sundgren, Warren for Freeland, Hayes for Freeland, Freeland for Hayes, Armstrong for Ayers, Elder for Warren, R. Kirk for Shaffer, Fanning for Plenthorpe, Ayers for Armstrong, Cardarelli for Partner, Edwards for Elder, Sconce for Maddox, Zitnik for Churchill, Shaffer for Fanning, Lander for Ayers, Wassberg for Griffing, H. Kirk for Stoner, Beeler for Sundgren, Peters for Freeland, Whearty for Wassberg, Dileo for Shaffer, Abbott for H. Kirk, Tannahill for Beeler.

Iowa State: Kroeger for Grefe, Neal for Miller, Schafroth for Loyd, Catron for Oberg, Gute for Coundiff, Gustine for Hood, Harlan for Williams, Garner for Brown, Winter for Theophilus, Poole for Kroeger, Oberg for Catron, Hood for Gustine, Allender for Birney, Harlan for Theophilus, Garner for Brown, Gute for Coundiff, Miller for Neal, Coundiff for Gute, Birney for Allender, Poole for Kroeger, Grefe for Gustine, Winter for Williams, Loyd for Schafroth.

Perfect Home Season

Kansas State college finished its most successful home season in history by defeating Iowa State Saturday. The team ran up 75 points in winning four home games, while opponents failed to score. Only one team, Nebraska, has scored on Kansas State at Manhattan in two seasons.

BATTLE FOR BIG SIX TITLE THURSDAY AT NEBRASKA

Kansas State Able to Match Reserve Power of Cornhuskers First Time in History

It's "On to Nebraska" on the Kansas State college campus as the Wildcats prepare for the climax of a 10-game schedule—the battle with the Nebraska Cornhuskers Thanksgiving afternoon at Lincoln with the Big Six championship as the prize.

Kansas State came through its victory over Iowa State with no injuries of consequence, and for the first time may be able to match reserves with reserves throughout a game with Nebraska. Previous Wildcat-Husker tilts for the title or a share in the title—and there have been four in the past five years—have usually been brilliantly waged affairs with superior Nebraska power edging out a victory late in the game.

President F. D. Farrell of the college added a Thanksgiving treat which received the acclaim of the student body and a banner headline in the Kansas State Collegian Tuesday morning.

"Because of the excellent performance of the football team this season and the consequent desire of students for a celebration on Monday, December 3, the recommendation of the student council that Thanksgiving recess be extended to Monday evening is approved. This action is based on the confident assumption that class work will be resumed by all the students Tuesday morning, December 4," the president announced.

The full varsity squad of 45 players, 40 members of the freshman squad, the college band, pep organizations and several hundred students and townspeople will make the trip. A special train will leave Manhattan at 7:30 Thursday morning and return late Thursday night. Special round-trip rates are in effect.

Kansas State and Nebraska have met on the football field 18 times, beginning in 1911. Nebraska's winning streak has been broken only twice—by a scoreless tie in 1925 and by a 10 to 9 Wildcat victory in 1930.

The 1934 Cornhuskers must be given an "edge" because of the fact they are playing at home. But Kansas State has been gathering momentum down the "stretch," in its first class physical condition, and was able to substitute freely against Iowa State and thus keep the game from being too hard on any group of players.

Concerning the Nebraska game Waldorf said his team had been forced to prepare for each November opponent without looking ahead, and had shown great improvement in the last month. "Their chances at Lincoln depend on whether or not they can hold this improvement and add to it," he said. "Nebraska will have the most versatile attack we have faced all year."

Captain George Maddox, James Freeland, Gene Sundgren, Dick Armstrong, Oren Stoner, Leland Shaffer, Lloyd Sconce, Henry Kirk, and Lyman Abbott will be playing their final game in the purple jerseys of Kansas State college.

TWO-MILE TEAM REPEATS AS CONFERENCE CHAMPION

WARD HAYLETT'S RUNNERS CLIMAX UNDEFEATED SEASON

Oklahoma Second, Missouri Third, Nebraska Fourth, and Kansas Fifth in Big Six Meet at Lawrence Saturday

Kansas State college's two-mile team, undefeated in dual competition this season, climaxed an all-victorious campaign by winning the Big Six conference title Saturday in Lawrence. It was the second consecutive conference championship for Coach Ward Haylett's Kansas State team.

The Wildcat two-milers won the title in 1932, and in 1933 there was no Big Six conference race. Saturday at Lawrence the Kansas State runners won the title with 37 points. The University of Oklahoma was second with 53 points; Missouri third with 54 points; Nebraska fourth with 79 points, and Kansas fifth with 103 points. Iowa State did not compete.

LOCHNER IS FIRST

Floyd Lochner, University of Oklahoma, finished first in 10 minutes and 5 seconds. Funk, Nebraska, was second, only two yards behind Lochner. Wheelock and O'Reilly, Kansas State, finished third and fourth, respectively. Beasley and Hardy, Missouri, crossed the line in fifth and sixth positions.

William Wheelock who placed third for Kansas State is from Pleasanton. Justus O'Reilly, who placed fourth, is from Girard. Other members of the Big Six championship team and the order in which they placed were: Charles Robinson, Manhattan, eighth; George McCole, ninth; and Ray Messick, Oakley, thirteenth. None of the members of the Kansas State team were on the 1932 championship team.

SOME CLOSE SCORES

In the conference meet the low score system was used to determine the winner. In dual meets the high scoring team was the winner. The 1934 record of the conference championships:

Kansas State 35, Nebraska 20.
Kansas State 29, Drake 26.
Kansas State 32, Missouri 23.
Kansas State 29, Oklahoma 26.

Football Schedule, 1934

Sept. 29—Kansas State 13, Fort Hays State 0.
Oct. 6—Kansas State 13, Manhattan college, N. Y., 13 (tie).
Oct. 12—Kansas State 20, Marquette university 27.
Oct. 20—Kansas State 13, University of Kansas 0 (Homecoming).
Oct. 27—Kansas State 0, Tulsa university 21.
Nov. 3—Kansas State 14, Washburn 6.
Nov. 10—Kansas State 29, Missouri university 0.
Nov. 17—Kansas State 8, Oklahoma university 7.
Nov. 24—Kansas State 20, Iowa State 0.
Nov. 29—Nebraska university at Lincoln.

PROGRESS OF KANSAS PRESS

F. E. C.

L. F. Valentine published a unique feature in his Clay Center Times last week: a list of the Clay county ministers, their denominations, and home addresses. And would you believe it, there are 37 ministers in the county!

Vernard Vogt has only a small paper in the Moundridge Journal, but it is big enough for a banner headline across one page: "The World of Sports." The page is mostly filled with local sports items and advertising.

H. B. Brown of Natoma almost belongs in the class of chain newspaper publishers. He is publisher of the Independent at Natoma, the Farmer at Paradise, the Advocate at Waldo, and the Herald at Luray, all neat weekly papers.

The Garden City Telegram will move into a new location December 1. The new home of the Telegram is a larger, better building. R. B. Reed, f. s., is editor of the Telegram; G. F. Reed, business manager; and Earl C. Richardson, '30, sports writer and general "newshound."

A new bulletin, "Tips to Country Correspondents," was mailed to Kansas newspaper editors last week by the department of industrial journalism, Kansas State college. The first mail this week brought a dozen or

Big Six Standings

	W.	L.	T.	Pct.	Pts.	OP.
Kansas State	4	0	0	1.000	70	7
Nebraska	4	0	0	1.000	29	12
*Oklahoma	2	2	1	.500	57	21
*Iowa State	1	3	1	.300	19	39
Kansas	0	2	2	.250	7	23
Missouri	0	4	0	.000	6	86

*Have completed Big Six schedule.

Games Thursday

Kansas State vs. Nebraska at Lincoln. Kansas vs. Missouri at Columbia. Oklahoma vs. George Washington at Washington, D. C.

Scores Saturday

Kansas State 20, Iowa State 0. Nebraska 13, Missouri 6. Oklahoma 0, Oklahoma A. and M. 0.

Big Six's Leading Scorers

	G.	T.D.	PAT.	FG.	TP.
*Neal, I. S., qb.	9	7	0	0	42
*Allender, I. S., fb.	9	6	2	0	38
Ayers, K. S., qb.	9	4	0	0	24
Elder, K. S., fb.	9	4	0	0	24
Francis, Nebr., fb.	8	3	4	0	22
Stoner, K. S., hb.	9	2	10	0	22
Cardwell, Nebr., hb.	8	3	0	0	18
McDonald, Nebr., end	8	3	0	0	18
Hapgood, K. U., qb.	9	3	0	0	18
Miller, I. S., qb.	9	3	0	0	18
Poyner, O. U., fb.	8	3	0	0	18
Armstrong, K. S., qb.	9	3	0	0	18
*Poole, I. S., end.	9	0	10	2	16

*Denotes completed 1934 competition.

'GREEN PASTURES' TO BE PRESENTED IN MANHATTAN

Famous Negro Drama Depleting Bible Stories, Heaven, Booked for One Performance

"Green Pastures," Marc Connelly's comedy which shows the uneducated Negro's idea of heaven, will be presented in Manhattan Thursday night, December 13, at the college auditorium. The complete Broadway cast is now on tour, with all the scenery and lighting equipment used on the New York stage.

Rich comedy, music by the famous "heavenly choir," moving drama, and pageantry go to make up this play which took that other Manhattan by storm and brought for its author the Pulitzer prize in 1930, its first year of production.

Seat reservations are already being made through Prof. William Lindquist, department of music, for the Manhattan concert management. They range in price from 83 cents, \$1.10, and \$1.65, to \$2.20.

The campus Y. W. C. A. is making arrangements to have a "tea for the Lord" the afternoon of December 13, in honor of Richard B. Harrison, who has never missed a single performance of his role "de Lawd," in the four years of the play's run.

Faulkner Edits Bulletin

Prof. J. O. Faulkner of the English department is the editor of a bulletin of the Kansas Association of Teachers of English whose October issue recently appeared. Professor Faulkner wrote the editorial page copy. The remaining 12 pages are made up of copy prepared by teachers of English in Kansas high schools and colleges.

BRIDGE GAP BETWEEN 4-H CLUB AND ADULT PROGRAM

KANSAS RURAL YOUTH CONFERENCE HERE EARLY IN NEW YEAR

'Far Reaching Effort for Permanent Rural Betterment' is Manner in Which M. H. Coe, State Club Leader, Describes Organization

"The most far-reaching organized efforts we have attempted for permanent rural betterment" is the manner in which M. H. Coe, state club leader of the Kansas State college extension division, describes organizations of young farm people in more than 20 counties of Kansas.

These organizations, started by county agricultural agents working with the advice of Mr. Coe, are for the young man and young woman just a little too old for 4-H club work and too young for active participation in adult organizations. The groups are organized under various names but all are of the same kind.

COLLEGIATE 4-H CLUB HELPING

Soon after the first of the year members of these county organizations, which are increasing in number each month, will assemble on the Kansas State college campus for a meeting to be known as the Kansas rural youth conference. The conference will be sponsored and carried out entirely as an activity of the Collegiate 4-H club which this year has grown to a membership of 215. In age of members and type of work done, these county groups correspond quite closely with the Collegiate 4-H club.

Work on the organization—Mr. Coe prefers not to call it a movement or a project—has been going on steadily but without publicity for three or four years. Some groups are under the name of "Sons and Daughters of the Soil." Others are known as the "Agricultural Legion," and still others as "Rural Service associations." Mr. Coe believes the organization will more than double in size next year. It is past the experimental stage.

TO BRIDGE 4-H AND ADULT WORK

Members are 18 to 30 years old and are not necessarily former 4-H club members, although many of them are. Only county groups have been organized so far, but soon these will be broken up into community groups.

Members study and discuss agricultural projects and local problems, social and economic sciences, and national programs.

Extension people long have talked of the need for such an organization to fill the place made by the transition from active 4-H club work to active adult work. Now they are carrying to a heretofore unconsidered group an organization in which they can do much. In this group there is a great deal of energy and a great deal of curiosity about national and local problems.

Attend Washington Meeting

Prof. C. H. Scholer, head of the department of applied mechanics, and Harold Allen, materials engineer for the state highway commission, will go to Washington, D. C., December 2 to attend the annual national convention of the highway research board, a division of the national research council. Although the formal meeting is not to open until December 6, Professor Scholer will be there to attend some committee meetings earlier in the week.

Announces Alpha Zeta Members

Alpha Zeta, honorary agricultural fraternity, has announced the names of the junior and senior men who have been approved for membership in the fraternity: Raymond Dicken, Winfield; George McCole, Emporia; Forest Wolf, Manhattan; H. F. Dudt, Newton; Emory Morgan, Ottawa; Earl Parsons and Ned Thompson, Manhattan.

Newman Club Meets

Prof. Harold Howe, associate professor of agricultural economics, addressed members of the Newman club, an organization for Catholic students, at a breakfast program recently. His subject was, "College Catholic Students and Catholic Action." R. L. Wempe also spoke at this regular monthly meeting of the organization on the topic, "Newman Club and What It Stands For." Michael F. Ahearn was guest of honor.

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Number 12

RARE POULTRY VOLUMES FOR COLLEGE LIBRARY

KANSAS STATE COLLECTION AMONG
FOREMOST IN COUNTRY

A. B. Smith, Librarian, Obtains 150 Volumes from Library of Late Grant M. Curtis—More than 100 Others Received as Gift

One hundred fifty volumes of poultry books from the personal library of the late Grant M. Curtis, Dayton, Ohio, have been purchased by A. B. Smith, librarian, and added to the college library. Among the books acquired are some rare volumes including 12 written before 1825. One of these is "Scriptore Rei Rusticae," edition of 1541. This work which includes the agricultural writings in Latin by Cato, Columella, Varro, and others antedates by 134 years any other book in the college library.

Included in this collection is M. De Reaumur's book on incubation, 1751, said to be the first published on the subject; also an abridged edition of his earlier book on "Bringing Up Domestic Poultry, etc." This is one of the most prized of all early poultry books. Five other books are by Bonington Moubrey who established a landmark for the poultry world by writing in 1815 the first English book treating especially of poultry.

PAID TO SEE INCUBATOR

An interesting book by Wm. Bucknell, 1839, entitled "The Ecce-leobion" (a kind of incubator) described the artificial hatching of eggs as the "secret working of an Almighty hand." The author states that "eggs from any bird, from a wren to an eagle," may be hatched in the machine upon payment of one shilling an egg, owners to receive free admission ticket to observe the incubator "for as many days as their respective number of eggs to watch the progress of the nascent birds to maturity. Men of science desirous of investigating the process of incubation" could buy a season ticket for 21 days with the privilege of breaking an egg each day for one guinea (\$5.11). Then follows this classical description of the process of hatching baby chicks: "The spectacle of so many living beings, busily employed, liberating themselves from their imprisonment, and bursting into light and exercise, through the agency of inert matter, set in operation by the human mind, presents a sight most beautiful and interesting."

Other books by English writers embody nearly all of the important stages of development, including the origin and popularizing of fancy poultry during the middle nineteenth century; the imprisonment of fattening processes (1854), development of the first English Standard of Excellence (1865), the appearance of the first colored illustration (1822), and the first emphasis placed on selective breeding for the improvement of egg production (1871). Among the early American writers are books by Dr. J. C. Bennett, originator of the first poultry show in America in 1849, James Rankin, inventor of one of the most successful early incubators, and scores of others who have made distinct contributions to poultry literature.

COLLECTION AMONG FOREMOST

The Kansas Poultry Improvement association also purchased from the Curtis library and presented to the department of poultry husbandry three sets of books numbering more than 100 volumes, including 27 revisions of the American Standard of Excellence and Perfection beginning with the first one in 1867 and continuing to the last revision in 1930; 42 volumes comprising a complete record of all conventions of the American Poultry association from the beginning in 1873 to 1917, including many pictures of the early standard makers and important committeemen and officials; and 37 bound volumes of the Reliable Poultry Journal dating from volume 1, 1894, to volume 37, 1930. These three sets are said

to be the only complete works on the subjects available.

In the selection of the books, college executives had first choice from a collection of approximately 800 volumes. The addition of these 256 volumes of poultry literature and those in closely related subjects as genetics, nutrition, and embryology already in the college library places this collection among the foremost in the country. An effort is being made to secure 10 or 12 additional rare volumes which will practically complete the records covering the early history and the development of the poultry industry in France, England, and America.

KAPPA DELTAS, PHI TAUS GIVEN AGGIE POP AWARDS

Stunt Skating and Satirical Football Sketch Given First Places in Annual Vaudeville Show

A roller skating stunt, "Kapering K. D. Kids," brought to Kappa Delta the major loving cup award in Aggie Pop last Friday and Saturday nights. Phi Kappa Tau won the smaller cup for the best short act with a satirical sketch, "If Men Played Football as Women Would." Aggie Pop is an annual vaudeville show, the proceeds of which go to help finance the Y. W. C. A. Miss Pauline Compton, Manhattan, was this year's director, and Kingsley Given, associate professor of public speaking, the coach.

The other offerings were: "Cracker-Boxers," by Alpha Kappa Lambda, with country grocery store loungers as the actors; "Stormy Weather," by Kappa Gamma, a pantomimic singing stunt with a park bench and light post on a rainy night for setting; "Nature in the Raw," by Phi Kappa, presenting cave men dressed in animal skins "wooling" a cave woman and discussing their dinosaur flocks; "Bird's Christmas Carol," showing the final scene of the party for the Ruggles children and the little invalid's slipping out of life while the church choir sings carols; "Fifty Years a-Growing," by the Home Economics club, tracing the development of that division by means of three tableaux; and "The Juggler of Notre Dame," by Orchesis, presenting the medieval legend of the juggler to the Blessed Virgin.

Directors of the various stunts were: Mary Niestadt, Wilmette, Ill.; Arthur Willis, Hugoton; Janet Dunn, Oxford; M. W. Gallagher, Manhattan; Russell Hurt, Manhattan; Frankie Jamison, Kansas City, Kan.; Elizabeth Pittman, Fergus, Mont.; and Janet Wood, physical education instructor.

HELANDER BECOMES HEAD OF MECHANICAL ENGINEERING

Graduate of University of Illinois to Fill Vacancy Resulting from Death of Prof. J. P. Calderwood

Linn Helander of Chicago will become head of the department of mechanical engineering of Kansas State college January 1, it was announced by President F. D. Farrell a few days ago after Helander's appointment had been approved by the state board of regents. He will fill the vacancy made by the death of Prof. J. P. Calderwood.

Helander, who has been conducting private research studies in Chicago during the past year, was graduated from the University of Illinois in 1915. For a time he was a professor in the mechanical engineering department of the University of Pittsburgh and has been connected with the Champion Fiber company of Canton, N. C. He has served on the editorial staff of Iron Age, technical engineering magazine, and for several years was employed by the Westinghouse Electric company as general engineer and also as a consulting engineer. He was employed at one time by the United Gas Improvement Contracting company of Philadelphia.

While employed by the Westinghouse company, he spent much of his time with the study of the economics of steam power plants, a problem in which he has always been vitally interested.

JUDGING TEAMS PLACE HIGH AT INTERNATIONAL

TEAM AND INDIVIDUAL FIRSTS TO
KANSAS STATE COLLEGE

Teams Are First in Meats, Third in Crops, Sixth in Poultry, Tenth in Livestock—Thornbrough Is Outstanding Individual

While Kansas State college was still in the publicity spotlight as a result of winning the Big Six conference football championship, other student teams were winning recognition and championships for the school in the field of agriculture last week.

Highest individual placing in livestock judging, first place as a team in meats judging, third on team placing in crops judging, sixth as a team in poultry judging, tenth in team placing in judging of livestock, third high individual in meats judging, and second in an essay writing contest were among honors won by Kansas State college students at the International Livestock Exposition in Chicago. L. J. Sconce, Halstead, a reserve tackle on the football squad, hurried from the championship game at Lincoln in time to join the poultry judging team in Chicago.

THORNBROUGH HIGH INDIVIDUAL

Albert A. Thornbrough, Lakin, a member of the Kansas State college livestock judging team, coached by F. W. Bell, was high individual of the 115 entries from 23 schools, the second largest entry list in the 35 times the event has been held. Thornbrough, 22 years old, is the son of a Hereford cattle breeder. He is a member of Block and Bridle, Alpha Zeta, president of the Agricultural association, Sigma Phi Epsilon, vice-president of Alpha Zeta, member of Phi Kappa Phi, winner of the Alpha Zeta freshman scholarship and Danforth scholarship, and is a cadet colonel in the R. O. T. C. In recognition of his outstanding showing in the judging contest Thornbrough was awarded a gold medal offered by the National Block and Bridle club. The team was first in judging horses and won the large silver trophy awarded by the American Belgian Horse association. Walter Lewis, Larned, was second high man of the 115 in horse judging, and Charles B. Team, Wichita, also of the Kansas State team, was fourth. Thornbrough was third in sheep judging and seventh in hog judging. The team was eleventh in sheep judging, twelfth in hog judging, and thirteenth in cattle judging. Other members of the team were Clifford Harding, Wakefield; Charles Murphey, Leoti; and Maurice Wycokoff, Luray.

The Kansas State college men's meats judging team nosed out the University of Nebraska in winning first place in the event. Nine schools were represented. South Dakota was third. Prof. D. L. Mackintosh is coach of the Kansas State team. Howard Moreen, Salina, was third high individual in the entire contest. J. E. McCole, Emporia, was sixth, and P. W. Ljungdahl, Menlo, was tenth. Kansas State was first in the beef section, Moreen and McCole tying for fourth and fifth individual rankings. In the lamb section, Kansas State was seventh and Moreen was sixth individual. Kansas State was second in pork judging. Ljungdahl led Kansas State in that section, being seventh individual. The Kansas State team, by placing first, won a second leg on the National Livestock and Meat Board Circulating trophy. A Nebraska victory would have given that team permanent possession of the trophy.

CLOSE CONTEST IN CROPS JUDGING

Prof. J. W. Zahnley's crops judging team placed third in a close contest in connection with the International Grain and Hay show. Out of a possible 4,200 points the team was just 66 points behind the winner, Oklahoma A. and M. college. North Carolina placed second.

Lewis Evans, Washington, was high individual in identification of crops; Raymond Dicken, Winfield, second in crops judging and third in identification; and George Rogler,

Matfield Green, placed fourth in identification. Frank Parsons, Manhattan, was the team's alternate.

The Kansas State crops judging team placed first in identification, second in judging, and sixth in grain grading to place third in the entire contest. Awards to the team will be a bronze medal and a \$100 scholarship offered by the Chicago board of trade.

Kansas State was second in the Saddle and Sirloin club essay contest which was won by the University of Wisconsin. The University of Arizona was third. George Rogler, Matfield Green, representing Kansas State, was fourth high individual. William A. Wishart, Manhattan, was tenth, and Charles E. Murphey, Leoti, was seventeenth, all essays in the high 20 counting.

Members of the poultry judging team which placed sixth at the International show include I. B. Hawk, Effingham; L. E. Miller, Agra; J. R. Patton, Columbus; L. J. Sconce, Halstead; and N. O. Thompson, Manhattan. Prof. H. M. Scott is the coach. Thompson was fifth high individual. The team placed first in the exhibition division of the contest and won a trophy.

SORGHUM GERMINATION IS POOR, URGES SEED TESTS

Agronomists Find Samples of 1934 Crop, Harvested October 31, Unsuitable for Seed

Samples of the 1934 sorghum seed crop, harvested after three below freezing temperatures were recorded, have a germination ranging from poor to zero, according to A. L. Clapp of the agronomy department of Kansas State college who urges Kansas farmers who have harvested sorghum from the 1934 crop to have this seed tested before it is too late to secure other seed.

Samples of Atlas and Blackhull kafir were harvested from bottom fields and Atlas, Grohoma, and Sumac sorghum were harvested from upland fields in the vicinity of Manhattan on October 31, this year. The minimum, below freezing, temperatures occurring at Manhattan before this grain was harvested were 23, 26, and 19 degrees F. The stalks were cut and stored in an unheated room until they were thoroughly dry. Samples were separated as to stage of maturity, varying from milk to hard dough.

Germination of all bottom land samples was zero regardless of stage of maturity or variety. The most mature sample of Atlas from the upland germinated 21 per cent, Grohoma 8 per cent, and Sumac sorgho 4 per cent. Not a sample collected after three days with minimum temperatures below freezing germinated sufficiently high to warrant its use as seed.

NEW ENGINEERING TEXT BY FACULTY MEN OFF PRESS

'Direct-Current Machines,' by Kloeffer, Brennenman, and Kerchner in Use by Electrical Engineers

"Direct-Current Machines," a new text written by Professors R. G. Kloeffer, J. L. Brennenman, and R. M. Kerchner, of the department of electrical engineering, Kansas State college, has been published by the Macmillan company. Copies arrived last week and the book will be used immediately by electrical engineering students. The book has been in progress of publication for four or five years, having been used in class work in mimeograph form before its final acceptance by the publishers.

The book is for use by junior students in electrical engineering and covers in a complete form the theory involved in direct-current machines. It differs from other treatments of the subject in that it is more attractive and readable without any sacrifice as to rigor of content. It also contains the latest known facts as to machine performance and a series of graphical solutions of machine characteristics whereby solutions of problems may be clearly visualized by the students. The book, including appendix and index, contains 403 pages.

MADDOX ALL-AMERICAN; SEVEN ON BIG SIX TEAMS

SECOND FROM SCHOOL TO PLACE IN
SELECT GROUP

Kansas State's Giant Tackle Named on First Team by All-America Board—Wildcats Get 23 Big Six First Team Berths

George Maddox, who captained the Kansas State college football team down the stretch to a Big Six championship, and an undefeated season in conference play, was placed on the All-America football team for 1934, selected by the All-America board of football of which Christy Walsh is chairman and Glenn S. Warner, W. A. Alexander, Elmer Layden, Edward L. Casey, and Howard H. Jones are members.

To Maddox goes the honor of being the second man in the history of Kansas State college to place on an All-America first team. Captain "High" Henry Cronkite, in 1931, was the first. Maddox also heads an impressive list of Wildcats who won a major share of places on the various All-Big Six teams of 1934. Both he and Oren Stoner, halfback, placed on every all-star Big Six conference team. Maddox, Stoner, and Sundgren received honorable mention on the Associated Press All-America selections.

SEVEN ON BIG SIX TEAMS

Kansas State men received a total of 23 places on first teams, 16 places on second teams, and many honorable mention awards in seven All-Big Six selections published in this area.

Seven different Kansas State Wildcats were named on one or more of the seven All-Big Six teams. Three or more were placed on every first team except by the Associated Press which made its selections before Kansas State decisively defeated Iowa State and Nebraska. The Associated Press named only two Wildcats on its first team.

Maddox and Oren Stoner were named on all seven of the first teams. Leo C. Ayers, quarterback, made 3 first teams and 4 second teams. Ralph Churchill, end, was on 2 first teams and 2 second teams. Maurice Elder, fullback, was placed on 3 first and 3 second teams.

Dean Griffing, center, was named on 3 second teams, and Eugene Sundgren, 158-pound guard, was named on 1 first team and 4 second teams.

The Kansas City Star named 4 Kansas State men on the first team and 2 on the second; the Associated Press 2 on the first and 4 on the second; United Press, 3 and 2; E. W. Cochran, 3 and 2; Bus Ham, Daily Oklahoman, 4 and 3; Omaha World-Herald, 4 and 1; Des Moines Register, 3 and 2. In addition the Topeka Daily Capital placed 5 Kansas State men on its first all-state team and 2 on the second.

TRIBUTE TO MADDOX

Christy Walsh, chairman of the All-America board of football, had this to say when he placed Maddox on the 1934 All-America aggregation:

"Added responsibilities frequently develop new and valuable qualities in a football player. George Maddox was a sterling tackle last year but aside from his improved physical qualities this year—in the role of captain he had led his team mates through a hard schedule—eventually winning a championship title for the first time in the history of the Big Six conference. He stands 6 feet 3 inches tall and tips the scale at 212. Maddox has played more minutes than any Kansas State player this season—and has never been injured. He has been used to open holes for attacks, especially when yardage was badly needed—and he seldom failed to clear the path. His team has been undefeated in any conference game this season and around Manhattan, Kan., they will tell you that Maddox gets a great deal of the credit."

The All-America team:

End—Moscrip, Stanford.
End—Hutson, Alabama.
Tackle—Maddox, Kansas State.
Tackle—Barclay, N. Carolina.

(Concluded on last page)

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WEDNESDAY, DECEMBER 12, 1934

CHAMPIONS ALL

The Thanksgiving holidays were a season of competition for several groups of students representing Kansas State college. Climaxing weeks of constant improvement in technique, the football team of Coach Lynn O. Waldorf defeated the Nebraska university eleven, bringing to Kansas State its first undisputed conference football title. Meanwhile, other students were foregoing Thanksgiving dinners at home to represent Kansas in judging livestock, poultry, and grain at Chicago. On Tuesday last week, just as students returned to their classes, another team represented Kansas in the intercollegiate meats judging contest. Through the holidays, also, there was announced in Chicago the results of an intercollegiate essay writing contest, sponsored by the National Saddle and Sirolo club, in which Kansas State students placed.

It is impossible to list intangible benefits resulting to the individuals who participated in these competitive events; still more difficult to state the intangible benefits to Kansas as a state. It is possible to cite only a few Kansas State winnings: A conference football championship, achieved through a desire to win in accordance with the honorable code of fun and ideals of good sportsmanship, as taught by Coach Waldorf and his assistants; the highest possible honor in livestock judging awards to Albert Thornbrough as the high ranking individual in a group of 115 of the keenest young men in North America; first place among all contestants for the meats judging trio; second place to Kansas State essay writers who bowed, as a group, only to Wisconsin; third in grain judging; sixth in poultry judging.

The list of winnings could be enlarged. There was first for the team in judging cuts of beef, first in placing horses, first in the exhibition division of the poultry contest, to say nothing of a score of other relatively high placings.

What matter anyway about the winnings? Worshippers of champions, we Americans are inclined too much to give honor only to those who win first.

It is worth observing that such an attitude is assumed more by the crowd than by participants in the contest. This is true of athletics, livestock judging, or essay writing. Ask the football player to name his all-opponent team and you hear the unsung heroes properly recognized. In competitive judging, with a hundred in the contest, anyone in the top ten is a champion—to ninety others.

But they are all champions. Kansas State's football team is composed of the best forty-five men among the school's nineteen hundred. The competitive judges are the best three or five among four hundred of the state's keenest students. These intercollegiate teams are champions before they ever leave the campus in search of further glory. Whether in football or in grain grading, they are keen fellows and they play the game as it should be played—to win, but also for fun; as good sportsmen.

FIRST AID TO BUDGETS

The student governing association is asking that the semester activity

fee be raised from \$5 to \$7.50—which in these stringent times seems to be at first hearing an outrageous proposal. Reflection shows it up as good business for the Kansas State college student.

For that additional \$2.50 per semester is to make available to each student with no further cost: the Royal Purple each year, the Collegian, tickets to all plays of the Manhattan theater, which then could be resuscitated. It would make senior dues no longer necessary.

Under the system of the past, each student who is a member of any organization has to help pay for a page picture in the Royal Purple, regardless of whether he buys a book, and if he belongs to several organizations that amounts to a considerable sum. Under the new system, the only fee would be a minimum one to the photographer; mass buying would care for these other costs. With larger circulation, the Collegian could become more completely representative of the college. The engineering open house, home economics hospitality week, and other worthy projects would also receive grants for their activities under new liberalization of the activity fee ruling.

Fifty-five per cent of the student body must vote "yes" to put the measure into effect. It is an opportunity for Kansas State students to take a definite step forward.

SCIENTIFIC PUBLICATIONS OF KANSAS STATE COLLEGE

"Emergent Evolution as Interpreted by Robert K. Nabours," reprinted from Eugenical News, June, 1931. "It has long been recognized that two genetically independent genes may, as they collaborate in the development of the same individual, from the formation of the zygote to maturity, so interact as to present somatic aspects not referable to either such gene independently. Such phenomena constitute emergent evolution." Doctor Nabours has for several years been investigating that aspect of emergent evolution involved in hybridization and cross-mating. He has published three papers on the subject: 1. Emergent Evolution and Hybridism in Science, 1930. 2. Hybrid Emergence (Eugenical News), July, 1930. 3. A third alternative: Emergent Evolution (Scientific Monthly, Vol. XXXI, November, 1930).

BOOKS

"New Frontiers." By Henry A. Wallace. Reynal and Hitchcock, Inc., 386 Fourth avenue, New York City. 1934. \$2.

This account of the problems of the American farmer, and of the efforts of the Roosevelt administration to help in their solution, is a very readable book of some 300 pages, that will interest many readers of THE INDUSTRIALIST.

There are four sections in the book, under the titles: I. Between Two Worlds, II. Changing the Rules, III. The Agrarian Drive to Change the Rules, and IV. Untrod Paths. These 21 chapter headings give some idea of the contents of the book: (1) Explorers and Pioneers, (2) New Rules, (3) Middle Courses, (4) Private Ownership of Government, (5) Personal Devils, (6) Hot Spots, Pressure Groups and News Drives, (7) The Tariff, (8) America Dislikes to Change, (9) Monetary Policy, (10) Cost of Production in Agriculture and Industry, (11) Some Prices Don't Come Down, (12) Millionaires, Booms, Chaos, (13) Twelve Long Years, (14) The Thirteenth Year, (15) The Fourteenth Year, (16) We Taxed Bread and Meat, (17) Smoothing Out the Cycles, (18) Putting Our Lands in Order, (19) The Cost of Continuous Balance, (20) The Process of Economic Democracy, (21) Beyond the Frontier.

There is an appendix in which the following subjects are discussed, with graphs and statistical tables to supplement the text; post-war boom and collapse; agricultural and non-agricultural elements in national income; our foreign trade; our investments abroad; the balance of trade, pre-war and post-war; our declining exports; foreign competition in wheat; trend in farm income; value of agricultural capital; debt and tax burdens of farmers; gap between farm and non-farm prices; retail and farm value of typical monthly purchases of 14 foods per family; price maladjustments; the general commodity price level; population in various industries; money income of industrial

FOOTBALL AS IT SHOULD BE

from the Atchison Globe

The story of the rise of Kansas State to the football championship of the Big Six might be entitled "The Reward of Virtue" or "Honesty with Educational Standards is the Best Policy."

"The athletic situation at the Manhattan college has for years been the most ideal in the Missouri Valley country."

No Kansas State coach in recent years has been put to the task of winning championships or moving along. Alumni and undergraduates are satisfied with a Wildcat team that plays sound, entertaining football. As a result, the football professor has been able to work with none of the mental handicaps that hamper many of the men who are directing college and university football machines throughout the country.

For seven years Charlie Bachman, former Notre Dame player, was the football coach at Kansas State. He won games and he lost games, but he remained in just as much favor in defeat as he did in victory. Bachman finally answered the call to the University of Florida. His leaving occasioned genuine regret in Aggieville.

From Notre Dame the Wildcats turned to the alumni ranks of Centre college and picked up "Bo" McMillin, former all-American quarterback. His path at Manhattan was as smooth as Bachman's had been. He didn't develop championship teams, but no one criticized him for that. Winning or losing, however, his teams played good football and McMillin apparently grew to a K-State institution.

Faster company through the medium of the University of Indiana called to McMillin late last winter, and once more the Wildcat followers were saddened by the loss of a football coach.

Syracuse was the training ground and Oklahoma A. and M. the coaching laboratory which produced Lynn Waldorf for Kansas State, and this son of a Methodist bishop proved that he was of the calibre that the Aggies like the first week of spring practice.

Waldorf didn't ring the gong. There was no mention of a new deal. The Aggies weren't looking for that.

workers and farm income, 1919 to 1933.

In his opening sentence Secretary Wallace states that "the United States is like a boy eighteen years old, possessed of excellent health and a strong body, but so unsettled in his mind and feelings that he doesn't know what to do next." In the last chapter, Mr. Wallace, the practical idealist, says that "the keynote of the new frontier is cooperation, just as that of the old frontier was individualistic competition. Power and wealth were worshipped in the old days. Beauty and justice and joy of spirit must be worshipped in the new. Security, peace, and the good life for all, are what plain men are trying to gain by democratic methods."

Every thoughtful student of agriculture, regardless of party affiliations, will find much to interest him in this account of the agricultural situation, written by one of the leading exponents of the New Deal.—John H. Parker.

FUNCTIONS OF CITIZENSHIP

Millions of Americans consider that they perform the functions of citizenship when they listen to a radio address. We have left the selection and the election of public officials to party organizations more interested in maintaining their organization than in public questions, principals, or public policies.

The new leisure has brought forth an insidious offspring of laissez-faire. The electors assume that every public official while holding public office labors unselfishly in the public interest. They assume that their specific responsibilities are limited to the radio or to the ballot box. For a vital interest in public affairs the majority of our citizens have substituted a vital interest in recreation and in diversion.

This is an unwholesome and a dangerous state of mind. It presents a problem which newspapermen should study and understand, or we shall have from coast to coast and from Canada to Mexico a multitudinous group of "lieu-lieu" governments which may destroy democracy.—Carl W. Ackerman in The Quill.

They wanted a football coach, and Waldorf liked the proposition. McMillin had been working his men on a split time schedule in the interest of class work and jobs which some of the boys had to keep to stay in school. "NRA" the Aggie publicity department called it. Waldorf liked the plan and adopted it, giving McMillin credit for the idea.

Waldorf told the press that he liked the boys at Manhattan. He didn't term them supermen. He merely said that they were the same kind of boys he had coached at the Oklahoma Aggies. Boys who had the right stuff in them. Boys who could give and take on the football field. Boys who played the game for the game's sake.

Lynn Waldorf didn't have to win the Big Six championship his first year at Kansas State to hold his job or to be popular with the fans who are primarily interested in that team. But win he did and all the more glory to him, his boys, and to Kansas State college.

Back of the scenes at Manhattan is another man who through his long years of service has merited the respect of every man, woman, and child with whom he has come in contact. "Mike" Ahearn, athletic director, was associated with Kansas State when the senior members of the 1934 football squad were learning to walk.

Sage advisor and shrewd manager, he has been the balance wheel of the smoothly functioning athletic machine. If a cog slipped—as cogs sometimes will even in the most efficient setups—the efficient "Mike" Ahearn was there to make the adjustment even before the knock became perceptible.

Model of schools is sound, conservative, sporting Kansas State.

Model of successful young football coaches is unassuming, modest Lynn Waldorf.

Model of athletic directors is efficient, genial, mellow "Mike" Ahearn.

Long life, success, and prosperity to them individually and collectively is the wish of every fan in the stretches of the Missouri Valley territory.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

A permanent collection of dolls, dressed in all types of costume since the beginning of history, was started by the clothing III classes of the home economics division.

Pi Beta Phi sorority won the cup offered by the Y. W. C. A. to the organization presenting the best stunt on Aggie Pop night. Ionian literary society ranked second in the competition and Alpha Xi Delta sorority third.

TWENTY YEARS AGO

Walter L. Latshaw, graduate of Pennsylvania State college, was made a new assistant in chemistry at the college.

The college and townspeople were cooperating in making plans for setting up Manhattan's first municipal Christmas tree. The tree was to be placed on the court-house lawn, special exercises to be held on the night of December 23. The plan was proposed by Dr. A. E. Holt, pastor of the Congregational church, and enthusiastically pushed by F. C. Winship, instructor in English at the college.

THIRTY YEARS AGO

About \$16,000 had been pledged for a new Y. M. C. A. building.

A company was organized by leading Manhattan citizens to manufacture coal gas for fuel and lighting purposes.

Leslie A. Fitz, '02, assistant in the bureau of plant industry, went to California to establish stations for the bureau; one at Yuba City and another in the San Joaquin valley, near Modesto or Merced.

FORTY YEARS AGO

A runaway horse on Poyntz avenue struck and tipped Professor George-son's carriage, throwing Mrs. George-son out.

No tuition and no general fee for incidental or contingent expenses was charged at the college. Table board in student clubs ranged from \$1.50 to \$2.25 per week and rooms were \$1 to \$3.50 a month.

Second-year students bought class pins, combining the class colors—sil-

ver and pale blue—in a silver pin of five-pointed star design mounted on a five-loop rosette of ribbon. The figure '97 was engraved in the center.

FIFTY YEARS AGO

A wagon load of beaver skins on the Salina streets was considered a rare sight. The beavers were trapped in the Saline river, according to the exchange item from the Salina Journal.

SPRING ECSTASY

Lizette Woodworth Reese

Oh, let me run and hide,
Let me run straight to God;
The weather is so mad with white
From sky down to the clod!

If but one thing were so,
Lilac, or thorn out there,
It would not be, indeed,
So hard to bear.

The weather has gone mad with white;
The cloud, the highway touch.
White lilac is enough;
White thorn too much!

SUNFLOWERS

By H. W. D.

KEYS AND MATCHES

I am rabidly in favor of some kind of reliable place to carry car keys and matches during the approaching winter, or any winter for that matter.

Close observation and considerable consultation with fellow victims lead me to believe that men, particularly husbands with all the responsibilities of husbands and fathers, would be much sweeter to live with and much less profane if they could only get at their car keys and matches during the winter months.

I figure that a man does a little over twelve thousand ergs of work every time he takes off his gloves, unbuttons his top-coat, ransacks his trouser pockets (all of them), and ultimately locates his key container. He does thirteen thousand more before he gets that ignition key back in a different pocket again. And I submit that twenty-five thousand ergs is too much to allow for the mere incidentals of getting a balky motor in a good humor on a zero morning or a zero any other time.

As I remember ergs from my study of physics in high school they do not amount to much individually. In my younger days the little matter of overcoming the resistance of one dyne over a distance of one centimeter was duck soup for me. But age will tell, and it isn't so easy any more. And the expenditure of twenty-five thousand ergs just to light a pipe or cigarette or get in position to argue with a cold engine is what keeps me so terribly run down.

The next time you get a chance, watch some man try to find a match or his car key when it's bitterly cold. Watch him, but don't try to read his mind, and don't listen. His first move is to swish back the right lower skirt of his overcoat and drive his gloved hand down in his pant pocket in the false hope that the keys, or the matches, are on top and can be reached. But of course neither keys nor matches are on top. Ninety-seven times out of one hundred they are not even on the bottom—in that pocket.

His next step is to look disgusted and try to get his gloved hand out of the pocket without practically exposing that whole side of himself. But he finally does. Then he begins slapping himself around all over the middle of the torso in an effort to locate the matches or keys by remote control. This he finally doesn't.

He then decides that what he wants must be in the pants pocket to the left, takes off his left glove, unbuttons both his coats, swishes them back and digs in. He discovers a knife, three empty folders of safety matches, and thirty-five cents or less in change.

By this time he is, in the language of ladies, infuriated or thereabouts. He jerks off the remaining glove and frisks himself madly with both hands, only finally to be stricken with the memory of having not had any matches on him for a week and having loaned his copy of the car keys to his wife the evening before and heaven knows where they are by this time, which is about what he might have expected all the time.

Only those who have the patience to do simple things perfectly ever acquire skill to do difficult things easily.—Schiller.

AMONG THE ALUMNI

Josephine Baker, '34, is teaching music at Longford.

Clarence E. Wood, '79, is postmaster at Bushyhead, Okla.

Norma Louise Knoch, '29, is teaching home economics at Lovewell.

Dale S. Romine, '34, is teaching manual training and social science at Keats.

Oscar K. Dizmang, '27, is teaching at Kansas State Teachers college, Pittsburg.

Charles L. Dean, '29, is studying medicine at the University of Washington, Seattle, Wash.

William Alfred Moss, '12, is superintendent of the high altitude experiment station, Tetonia, Ida.

Lester William Servis, '26, is an engineer with the Kansas state highway department in Topeka.

William Vincent Lambert, M. S. '23, is assistant professor of genetics at Iowa State college, Ames, Iowa.

Marie Williams, '09, is owner of the Merry Maid Candy company, 536 S. E. Seventeenth avenue, Portland, Ore.

Edna M. Smith, '28, is home advisor for Finney and Gray counties. Her address is 306 Spruce street, Garden City.

Mabel Anderson, '28, is the Montgomery county home advisor. Her address is Truby apartments, Independence.

Orrin Kem Howe, '26, and Genevieve (Stricklin) Howe, f. s. '20, live at Locksburg, Ark. Mr. Howe is farming there.

A. G. Phillips, '07, is general sales manager of the Allied Mills, Incorporated, Chicago. His address is 3400 Board of Trade building, Chicago.

Charles W. Stull, '33, is connected with water conservation work in Phillips county. He and Opal (Birt) Stull, '31, are living in Phillipsburg.

Winifred Neusbaum, '14, is a home advisor with the Kansas emergency relief administration. She lives at 401½ North Vassar street, Wichita.

John Silver Fuller, '24, is a sales engineer with an oil well supply company in Tulsa, Okla. His address is 1337 North Denver street, Tulsa, Okla.

Marion Brookover, '22, is teaching in the Hutchinson high school and the Hutchinson junior college. Her address is 126 East Eleventh street, Hutchinson.

Richard Joseph Cronin, f. s. '31, is now enrolled at the Kansas State Teacher's college, Pittsburg. His home address is 1010 McLish avenue, Ardmore, Okla.

Dr. J. W. Harner, '00, is a veterinary inspector with the United States bureau of animal industry. He is located at 2317 Twenty-second street, Meridian, Miss.

MARRIAGES

BUCKMASTER—PETERS

The marriage of Alice Gwynneth Buckmaster, f. s. '32, and Milfred J. Peters, '34, took place June 1 in Manhattan.

VAN SICKLE—BROWN

Cecile Mae Van Sickle of Fulton and Chester L. Brown, '31, were married August 7 in Herington. They have made their home at 302 South First street, Herington.

CARNAHAN—GUMP

Edith Carnahan, f. s. '28, and Dr. Robert H. Gump, '33, were married June 7 in Riverton. Doctor and Mrs. Gump are at home in Vinita, Okla., where Doctor Gump is employed.

McCORMIC—BURKHOLDER

Alma Juanita McCormic and Dale Burkholder, f. s. '31, recently announced their marriage which took place June 1. Mr. Burkholder is employed by the Kansas state highway commission.

BELL—FRITZINGER

The marriage of Corinne Bell, f. s. '32, and Lloyd Fritzinger, '31, Manhattan, took place June 17 in Atchison. They live in Manhattan where Mr. Fritzinger is employed in the road materials laboratory.

PARRY—PISHNEY

Jane Parry, Riley, and Will Pishney, f. s. '23, Blue Rapids, were mar-

ried June 6 at the home of the bride's mother in Riley. They are at home in Leonardville where Mr. Pishney is principal of the grade school.

KENNEDY—WISE

The marriage of Betty Max Kennedy and George O. Wise, f. s. '30, was June 28 in Topeka. They are at home in Topeka where Mr. Wise is attending Washburn law school. Mrs. Wise is connected with the Capper publications.

FINCH—SCHMIDT

Lucile Finch, f. s. '28, Oketo, and Fred Albert Schmidt, Emporia, were married June 7 at the home of the bride. Mrs. Schmidt has been teaching school in Marshall county. They are now at home on a farm six miles south of Emporia.

DEAN—NONAMAKER

The marriage of Loua Marjorie Dean, '32, and Harold LeRoy Nonamaker, '32, Osborne, took place September 8 in Manhattan. Mr. Nonamaker is county rehabilitation advisor for Smith county. He and Mrs. Nonamaker are at home in Smith Center.

ANDERSON—WOLF

Gale Anderson, '34, and Forrest Wolf, f. s. '33, were married June 30. They live at 1436 Laramie, Manhattan. Mr. Wolf is an assistant in the milling department and will finish his college work this semester. Mrs. Wolf is taking special work at the college.

DANENBARGER—COOK

The marriage of Miss Danenbarger, f. s. '26, and Charles S. Cook took place June 7 in Concordia. Mrs. Cook taught in Concordia for several years. Mr. Cook is a member of the firm, Cook and Cook, in Concordia. Their address is 210½ West Seventh street, Concordia.

MODIN—MEYLE

The marriage of Genevieve Modin and Wilmer A. Meyle, '31, Westmoreland, was July 21. Mrs. Meyle has been teaching in the Bellegarde school near Cleburne for the past three years. Mr. Meyle is county agricultural agent of Atchison county. They live in Effingham.

SCHNACKE—ROBERTS

The marriage of Mary Alice Schnacke, '33, and John Roberts, '33, was July 18 at the home of the bride's grandparents in Topeka. Mrs. Roberts taught in the La Crosse schools the past year. Mr. Roberts is an instructor in the agricultural economics department at the college. They live at 1718 Fairview, Manhattan.

PASMORE—ALLEN

Suzanne Pasmore and Edward Oliver Allen were married July 14 in Berkeley, Calif. Mrs. Allen formerly was assistant professor of piano in the Kansas State college music department. Mr. Allen is an attorney for the industrial accident commission of California. They live at 470 West Portal avenue, San Francisco.

MACLEOD—DOWNEY

Word has been received of the marriage of Dorothy MacLeod, former Y. W. C. A. secretary at Kansas State college, and Lyle Downey, M. S. '32, on September 5 in Decatur, Ill. Mr. Downey, an assistant professor in the music department at the college, is on sabbatical leave. Mr. and Mrs. Downey live in Rochester, N. Y., where he is taking work toward a doctorate.

BIRTHS

Donald Fox, '34, and Fern (Vescky) Fox, f. s. '33, of Augusta announce the birth of a son, Donald Richard, on November 21.

E. Jack Coulson, '27, and Esther (George) Coulson, f. s. '26, 72 Maple, Charleston, S. C., announce the birth of a daughter, Janet Marie, November 18.

John H. Shenk, '29, and Ayleen M. (Hartzell) Shenk, '31, are the parents of a daughter, Carolyn Maxine, born October 29. The Shenks live in Urbana, Ill.

DEATHS

KING

Walter J. King, '09, died November 26 apparently from a self inflicted bullet wound. He is survived by his wife, Amelia M. (Winter) King, f. s.

LOOKING AROUND

KENNEY L. FORD

It seems that everyone is rejoicing with the Kansas State football team in its Big Six championship. Here are parts of some of the congratulatory messages received:

"I see in the papers that a celebration and banquet for the football boys will be held. It may sound like ancient history but my experience and recollection of football dates back to 1898 when I was captain of the team. It was not as popular with the student body and especially with the faculty as it is now to be engaged in those activities, but I recall same with a great deal of pleasure and satisfaction and if I only knew the program of this reception I might be interested along with some other of the old timers to mix in with the boys."—W. G. Tulloss, '99, Rantoul.

"Please convey my congratulations to the coaches and the squad. I know that all Aggies feel mutually proud."—E. T. Tebow, '26, Harper.

"Every year I follow all of K. S. C.'s activities in the Big Six very closely and hope that the teams representing the school will always show the fine spirit that has been built up by such coaches as Charley Bachman, Ed McMillin, and now Lynn Waldorf."—A. M. Schiehuber, '31, Washington State college, Pullman, Wash.

"Permit me to add the congratulations of a distant Aggie booster."—Colonel James M. Petty, United States army, Indianapolis, Ind.

"I am simply dropping you a note of congratulations on your victory over Nebraska yesterday, and especially the winning of the conference title in the Big Six. Please extend my congratulations to Coach Waldorf and his assistants."—Leslie A. Fitz, '02, 332 South La Salle street, Chicago, Ill.

"Here's congratulations to the athletic department, to the coach, and to the boys that did it."—Joe Fickel, '32, Albuquerque, N. M.

"Dear Mike: Arrived here Saturday by plane from Brownsville, Tex. Next morning found your paper with the enclosed. You no doubt will be pleased to see your folks listed in the big company. In the afternoon went to a bull fight. Six bulls killed—25,000 spectators."—C. V. Holsinger, '95, Hotel Regis, Avenida Juarez 77, Mexico, D. F.

"Congratulations and best regards."—L. H. Fairchild, '16, Allied Mills, Inc., Board of Trade building, Chicago, Ill.

"Living in said state of Nebraska with a husband who is a Nebraska university graduate, I get a great deal of teasing—but now I am doing the crowing!"—Anna (Best) Joder, '22, Peru, Nebr.

"Tell all the boys and Waldorf it was perfect and congratulations on the season and winning the Big Six."—Jim Douglass, '28, Salina high school, Salina.

"As an alumnus of the old school, I am hoping we are able to keep the present staff and carry on to another successful year."—George C. Ferrier, f. s. '16, Havana.

"I'm covered with black and blue spots where I pinched myself to see whether I was awake or whether I was dreaming when I saw that wonderful second half."—John V. Cortel, you, 2315 Bradford drive, Lincoln, Nebr.

"It is said there is nothing new under the sun, but there is certainly something new in the 1934 Big Six championship, now held by the K. S. C. team. This represents the pinnacle of achievement for every Aggie football player for the past 25 years and the ambition of every loyal Aggie."—Gus Seng, '22, city manager, Atchison.

"My hat is off to the boys, Coach Waldorf, and Mike Ahearn."—C. A. Frankenhoff, '18, 20 Exchange place, New York City.

"Accept my congratulations on the splendid victory of your football team in defeating Nebraska."—W. S. Davidson, '10, Fort Scott junior college, Fort Scott.

"My heartiest congratulations to the Wildcats and to Mr. Waldorf and his staff."—General J. G. Harbord, '86, 30 Rockefeller Plaza, New York City.

"The ideals and personalities associated with our athletic department are worth more than all the championships in the world. Let us cherish them."—Earl Means, '22, Everest.

"Kansas State has certainly won a place in the sun by this astonishing achievement, for I think that very few of us had considered the school much this year with a change in coaches and a minimum of old material back."—Alf M. Landon, Governor of Kansas.

MATTHEWS, DAVIS DISCUSS LITERATURE OF 1925, 1926

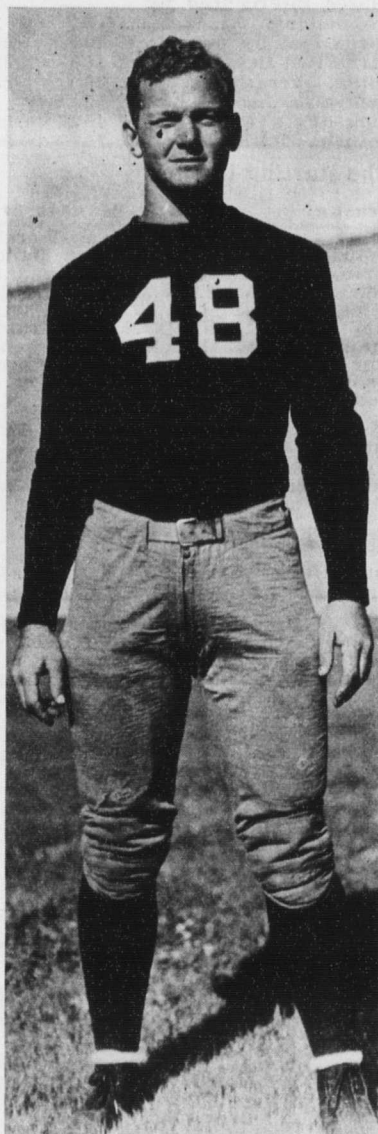
Annabel Garvey Reviews 'Showboat' in Sixth of English Department Lecture Series

Three years of literature—that of 1925, 1926, and 1927—passed in review during the last three lectures of the English department series of Tuesday night meetings in Calvin hall.

Prof. Charles Matthews discussed 1925's contribution to the novel, non-fiction, poetry, and drama on November 27; Prof. H. W. Davis took up two non-fiction writings of 1926 and was followed by Miss Annabel Garvey reviewing Edna Ferber's "Showboat" on December 4. Last night Prof. Ada Rice spoke on the best sellers and prize novels of 1927: De la Roche's "Jalna," Westcott's "The Grandmothers," and Farnham's "Rebellion." She was followed by Miss Nellie Aberle discussing "The New Biography" with Van Wyck Brooks' biography of Emerson as typical.

Professor Matthews analyzed the writers of 1925 to see how far they merited George Soule's charge against the 1920's in general, that they had begun in pretense and ended in bewilderment. He also pointed out what novelists of today had already estab-

All-American Maddox



George Maddox, captain of the 1934 Kansas State Big Six championship team, who was named tackle on the All-American first team by Christy Walsh and his All-America football board. Maddox has accepted an invitation to play with the West team in the East-West football game in San Francisco during the holiday season. The invitation was extended by Coach D. X. Bible of Nebraska, who is in charge of the West team.

lished themselves in 1925, what ones have now failed to achieve the literary heights promised in the early '20's.

Four Americans—Sinclair Lewis, Dreiser, Cather, Sherwood Anderson—and four English writers—Walpole, Wells, Maugham, Roland—he took up at some length, contrasting their offerings of 1925 with those before and after.

Mr. Matthews spoke regretfully of the passing of such magazines as The Dial, Bookman, and Independent, and of their leaving a blank space in the field of critical writing. He touched briefly the chief non-fiction writing, read H. L. Mencken's appraisal of the year's large output of poetry, none of it of high character, read Burns Mantle's resume of the year's dramatic works, and concluded with a cutting of O'Neill's "Great God Brown."

"The Turn of the Century," first of a series of books by Mark Sullivan to be entitled "Our Times," and Albert J. Nock's "Jefferson" were the two books of 1926 discussed by Professor Davis. Sullivan's book he declared a good source for speakers, journalistic rather than significant or scholarly, providing a maximum of entertainment but "nothing to hold to," based as it is on the front page of newspapers.

The biography of Jefferson he declared well organized, scholarly, having the one defect of the writer sharing Jefferson's prejudice against the moneyed classes who he believes arrange that the taxation burden fall upon the masses, and Jefferson's pessimism as to what any government can do about it.

Miss Garvey appraised Edna Ferber's "Showboat," told its story, and pointed out its many biographical elements.

'GREEN PASTURES' PLAYS HERE WITH NEW YORK CAST

Famous Negro Drama To Be Presented One Night Only

"Green Pastures," whimsical Negro musical comedy, will be presented tomorrow night in the college auditorium, with the complete New York City cast and choir. The ticket sale has been so brisk as to promise a full building for this Pulitzer prize winning drama.

The Y. W. C. A. will have a tea in the afternoon in honor of Richard B. Harrison, who has played the part of "de Lawd" from the opening production.

RECENT HAPPENINGS ON THE HILL

Five of the advanced military students from Kansas State college attended the military ball at Nebraska university.

Carl Howard, Topeka, supervisor of homestead rehabilitation, discussed his work before the agricultural economics club Tuesday evening of last week.

Kansas State Teachers association reelected Dean E. L. Holton, head of the department of education and dean of the summer school, to membership on its board of directors.

The results of the recent election of the Kansas State aeronautical association are: president, Marvin DeLapp, Cherokee; vice-president, Lloyd T. Thorp, Longford; secretary-treasurer, David Dukelow, Hutchinson.

Men's professional journalism fraternity, Sigma Delta Chi, elected five new members recently. The pledges are: Harold Rea, Salina; Dan Partner, Eldorado; Wayne Dexter, Waterville; Wayne Scott, Topeka; and Dale Garvey, Waverly.

One of the two persons, whose work in the 4-H club covers a longer period of time than any others in Riley county, is Carl Elling, Manhattan, a sophomore in agriculture. He has been awarded a nine year achievement pin by the club.

Strenuous rehearsals have begun on the "Messiah" to be sung by the college glee clubs and orchestra. Prof. William Lindquist, head of the department of music, will direct the program to be given in the college auditorium December 15.

Rifle teams have been chosen and the first match of the season has been scheduled for this week with Washington university at St. Louis. This will be a telegraphic meet in which each team fires its scores on the home range, then exchanges results by mail.

Head coach of the Aggie football championship team, Lynn O. Waldorf, was guest speaker of the Abilene Rotary club at their high school football banquet recently. Waldorf has high school football banquet speaking engagements almost nightly from now until Christmas.

"Emil und die Detektive" was the title of the German film, brought to the Varsity theater last Saturday by the modern languages department of the college. The film portrayed the adventures of a boy in Berlin and in provincial Germany. German homes, cafes, streets, and railway stations provided the settings.

Many students returned early from their extra day of Thanksgiving vacation to participate in the Varsity given Monday night in honor of the football champions at the Avalon ballroom. It is reported that even the music of Pee Wee Brewster's orchestra seemed to reverberate with the cries of Victory!—Victory!—Victory!

Alpha Kappa Psi, men's professional commerce fraternity, had H. W. Bouck, secretary of the Manhattan chamber of commerce, as guest speaker recently. The occasion was the pledging of Fred Bramlage, Junction City; James Wallingford, Kansas City; Clifford Pangborn, Luray; Leslie Lancaster, Junction City; Maurice Gunn, Great Bend; and Paul Rhom, Topeka.

Albert Thornbrough, Lakin, was the only non-party candidate who won a position in the recent class election. He was elected president of the 1935 senior class. William S. Stewart, Kansas City, Mo., on the Theodoric ticket was elected president of the junior class; Maurice "Red" Elder, Manhattan, Vox Pop, became the president of the sophomores; Howard Cleveland, Muscotah, Theodoric, was elected president of the freshman class.

'Vet' Graduate a Visitor

Dr. R. W. Jackson, a graduate of the veterinary division of Kansas State college with the class of 1930 and now a successful practitioner in Frenchtown, N. J., was an interested visitor on the campus a few days ago. Doctor Jackson has a well established veterinary practice.

WILDCATS CRUSH HUSKERS— WIN FIRST BIG SIX TITLE

**'FORGOTTEN TEAM' OF SEPTEMBER
ENDS NEBRASKA'S REIGN**

**Kansas State Makes Most Brilliant Of-
fensive Show of Season—Fans
Shoulder Purple-Clad Play-
ers Off Field**

"Kansas State's young football op-
portunists, gallantly coming down
the stretch for the freshman coach of
the conference, overwhelmed Nebras-
ka with a last half rally here today,
19 to 7, and wrested from the Corn-
huskers the Big Six football cham-
pionship."

"With one touchdown in the third
period and two in the final quarter,
all scored from the vicinity of the
10-yard line, the purple-clad young-
sters of Coach Lynn Waldorf ripped
apart the Cornhusker forces." This
was the manner in which an Associ-
ated Press story from Lincoln de-
scribed the Thanksgiving day game
which brought satisfaction to thou-
sands of Kansas State college alumni,
former students, and friends through-
out the country. The Associated
Press story follows, in part:

The "forgotten team" of Septem-
ber's search for title contenders
ended Nebraska's reign over the Big
Six at three years and became the
second ever to take the championship
away from the Huskers.

It was the first loss for Nebraska
in the conference since Kansas State
scored its first and only previous vic-
tory over the Cornhuskers in 1930,
thereby handing the championship to
the rival Kansas Jayhawkers.

STONER AND ELDER SCORE

Maurice (Red) Elder, 180-pound
sophomore fullback, scored the touch-
down that enabled Oren Stoner to tie
the score with a well-directed place-
kick in the third period.

Making the most brilliant offensive
show of his college gridiron career,
Stoner swept the ends for the other
two touchdowns in a fourth quarter
uprising which turned the game into
a rout. The Huskers were handed one
of the worst thumpings they ever re-
ceived in the conference over which
they had held almost unbroken sup-
remacy. A crowd of 22,000 saw the
game.

Nebraska's score was made on a
short stab by Bob Benson as the cli-
max of a long march in the second
period. Virgil Yelkin was sent in to
boot the extra point. He did, increas-
ing Nebraska's margin to 7 to 0.

Starting from their own 17-yard
line, the Huskers conducted a 63-
yard march in the third period. They
finally yielded the ball on downs at
the 20-yard stripe. That was the turn-
ing point of the game. Elder, Stoner,
and Ayers manned a counter drive,
featured by Stoner's 36-yard dash
around his left end. He was tossed
out of bounds at the Nebraska 37.
The Kansas State backs kept right
on going through the disorganized
Huskers and Coach D. X. Bible sent
in defensive reinforcements.

From the 10-yard line Elder
dashed straight over his right guard
and romped into the end zone. Stoner
place-kicked the tying point.

AYERS GAINS REPEATEDLY

Early in the fourth quarter Sam
Francis kicked out to the Husker 39
from where the second Wildcat touch-
down excursion was launched. Ayers
made first down at the 24-yard mark
with an 11-yard sprint. A pass failed
but Elder smashed his way—yards
short of the goal.

Stoner swept widely around his
left end and crossed the goal line at
the boundary. His kick failed.

Ayers later got away for 44 yards
from scrimmage but was overtaken
by Cardwell at the 15. More replace-
ments were poured in by Coach Bible
as the defense crumbled before the
revived thrusts of the Wildcats.

Stoner, taking a backfield pass,
sprinted around his left end from the
12-yard line for the third and last
touchdown. He missed the extra
point from placement.

The game ended just as Griffing in-
tercepted a desperate Nebraska pass
after several completions had carried
the hopeless cause deep into Kansas
State territory. Kansas State fans
shouldered the purple-clad players
off the field to a dressing room which
was a scene of delirious confusion as
players and coaches toasted a Big
Six championship with cheers, back
slapping, and wildly thrown football
togs.

	K. S.	N. U.
First downs	13	21
Yards gained rushing.....	286	260
Passes attempted	8	16

Passes completed	0	5
Passes, yards gained.....	0	83
Passes intercepted by		
opponents	3	2
Yards lost by penalty.....	40	35
Yards lost in scrimmage.....	16	39
Punts, average yards.....	39	28
Kick-offs	5	1
Kick-offs average yards.....	45	50
Return of kick-offs.....	23	86

The starting lineup:

Nebraska	Pos.	Kansas State
Scherer	RE	Churchill
Thompson	RT	Maddox
Mehring	RG	Sundgren
Meier	C	Griffing
Justice	LG	Partner
Pfium	LT	Fanning
Toman	LE	Freeland
Bauer	QB	Armstrong
Benson	LH	Stoner
Parsons	RH	R. Kirk
Skewes	FB	Elder

Officials—Referee, E. C. Quigley, St.
Mary's; umpire, Jack North, Des
Moines; linesman, Reeves Peters, Wis-
consin.

Score by periods:

Kansas State	0	0	7	12	19
Nebraska	0	7	0	0	7

Scoring: Nebraska—Touchdown, Ben-
son; point from try after touchdown,
Yelkin (place-kick). Kansas State—
Touchdowns, Elder, Stoner 2; point
from try after touchdown, Stoner
(place-kick).

Substitutions: Kansas State—Flen-
thrope for Fanning, Holland for Part-
ner, Zitnik for Freeland, Ayers for
Armstrong, Shaffer for R. Kirk, Sconce
for Maddox, Peters for Churchill, Was-
sberg for Griffing, Beeler for Sundgren,
Cardarelli for Partner, Tannahill for
Beeler, Lander for Ayers, Edwards for
Elder, H. Kirk for Stoner.

INSTITUTION CONTRIBUTES TO NATIONAL RECOVERY

**COLLEGE PERSONNEL UTILIZED BY
FEDERAL AGENCIES**

**Kansas State College Has Done Much
in Agricultural Adjustment and Re-
lief Activities, President Farrell
Points Out in Report**

Kansas State college has done
much during the past two years to
cooperate with the federal govern-
ment in the development and applica-
tion of the national recovery pro-
gram, President F. D. Farrell points
out in his biennial report to the state
board of regents, released recently.

This cooperation has been true par-
ticularly with reference to the agri-
cultural adjustment program and
relief activities. During the entire
second year of the biennium most of
the activities of the division of exten-
sion were devoted to agricultural ad-
justment and rural rehabilitation
projects.

Other divisions of the college also
cooperated actively in various recovery
enterprises. Some include correlating
regular college service with activities
of the federal government; some in-
volve the lending of college person-

nel to the various federal agencies
engaged in recovery and rehabilita-
tion work.

The extent and nature of participa-
tion of college personnel are indi-
cated by an incomplete list of 11 men
whose services were utilized by na-
tional agencies for varying periods
between April 1, 1933, and June 30,
1934. They include the president of
the federal land bank of Wichita, spe-
cial investigators for the farm credit
administration, a vice-president of
the Production Credit corporation of
Wichita, several men in connection
with the federal soil erosion service,
investigators for the AAA, and con-
sultants for the Kansas emergency
relief committee.

Six of the 11 are on leave without
pay from the college. One is on half
pay and four are on full pay. Al-
though not included in the report, ad-
ditional faculty members are now en-
gaged in similar service.

President Farrell pointed out that
the college has been handicapped by
the absence of valuable faculty mem-
bers at a time when demands for ser-
vice from the college are greater than
ever. He expressed willingness of the
college, however, to cooperate with
federal agencies in time of national
emergency as it did during the World
war.

STELLA HARRISS GIVES PHI KAPPA PHI HONOR ADDRESS

**NINETEEN SENIORS GIVEN RECOG-
NITION FOR ACHIEVEMENT**

**Sixty-nine Last Year's Freshmen Share
Laurels with Upperclassmen in
Annual Assembly Program of
National Organization**

Have a worthy goal and then work
diligently to attain it was the key-
note of the Phi Kappa Phi recogni-
tion day address given December 6 in
student assembly by Miss Stella M.
Harriss, assistant professor of chem-
istry. As president of this scholar-
ship organization she took charge of
the annual ceremony of honoring the
top 5 per cent of the senior class in
each of the five divisions and the top
10 per cent of last year's freshman
class, the first group of which were
seated upon the platform.

"Minus 'Y' and Attainment" was
the title of her address. The formula
"yarns minus 'y' equals earns" she
declared to be the secret of achieve-
ment in every field. A man must sub-
tract the y from his desire through
work if he is to attain it. She showed
how this formula applies to winning
goals from football championships to
Nobel prizes.

Some people's notion that the goal
of scholarship is not as worthy of the
college student as that of athletic
prowess she suggested as being be-
cause the former seems at that time
to be a more unselfish aim, because
"scholarship is intangible and its
fruits cannot appear in the time it
takes to build an athletic team." She
pointed out the close relation between
high scholarship and success in life.

SEVENTEEN SENIORS CHOSEN

Seventeen members of the senior
class who were elected to Phi Kappa
Phi membership this fall were intro-
duced. This group is among the up-
per 5 per cent in scholarship of the
1935 class. It includes:

Division of agriculture—Albert
Thornbrough, Lakin; George Rogler,
Matfield Green; Charles Murphey, Le-
oti.

Division of engineering—Fred Ben-
son, Grainfield; Frederic Senti, Caw-
ker City; Junior Howard, Oberlin;
Wilbur Combs, Bartlesville, Okla.;
John Baptist, Uniontown.

Division of general science—Lloyd
McDaniel, Michigan Valley; Paul
Blackwood, Talm; Roberta Shan-
non, Geneseo; Catherine Mitchell,
Manhattan; Harold Wierenga, Caw-
ker City; Buell Beadle, Talmage.

Division of home economics—Doris
Thompson, Marion; Elizabeth Wal-
bert, Columbus; Wilma Brewer, Rile-
y.

Division of veterinary medicine—
Oscar Fischer, Junction City; Edgar
Millenbruck, Herkimer.

FRESHMEN ALSO HONORED

Members of last year's freshman
class whose grade average was "B"
or higher for last year also were hon-
ored. This group included:

Division of agriculture—Clarence
Bell, McDonald; Gerald Brown, Circle-
ville; Walter Carleton, Coldwater; Fred
Fair, Raymond; Paul Fanning, Man-
hattan; Robert Latta, Holton; Oren Reusser,
Wellington; Arthur Robinson, Manhat-
tan; Roger Rosenkrans, Dorsey; Cecil
Spencer, Manhattan; Frederick War-
ren, Beverly.

Division of engineering—Francis
Beichley, Junction City; Glenn Bene-
dict, Manhattan; James Bowles, Ober-
lin; Robert Burns, Wichita; Lloyd Dan-
ielson, Russell; Robert Fink, Manhat-
tan; Loren Grubb, Phillipsburg; George
Henderson, Herington; Mac Kappelman,
Athol; William Litfin, Great Bend; Ly-
man Lyon, Sabetha; John Noble, Man-
hattan; Howard Phelps, Manhattan;
Perry Wendell, Manhattan; James
Westmacott, Chase; Arthur Willis,
Hugoton.

Division of general science—Kenneth
Bottenberg, Wetmore; Gerald Brubaker,
Manhattan; Beth Bryant, Manhattan;
Margaret Daum, Manhattan; Lela Edlin,
Herington; James Foster, Emmett; Roy
Fritz, Kansas City; Ellen Jenkins,
Pratt; Ella Johnstone, Wamego; Ed-
ward Jones, Manhattan; Eunice Justis,
Washington; Katharine Kilmer, Kir-
win; Doris Kubin, McPherson; Horton
Laude, Manhattan; Kenneth Leonard,
Manhattan; Harold Lortcher, Sabetha;
Jack McClung, Manhattan; Desda Mc-
Kittick, Wilson; John Malone, Leaven-
worth; Lyle Murphy, Manhattan; Fran-
ces Nelson, McPherson; Gladys Poole,
Kansas City, Mo.; Ruth Rockey, Man-
hattan; Janet Samuel, Manhattan; Gar-
net Shehi, Westmoreland; Sigrid Sjo-
gren, Concordia; Glenna Sowers, Man-
hattan; Jean Willoughby, Manhattan;
Winifred Winship, Phillipsburg.

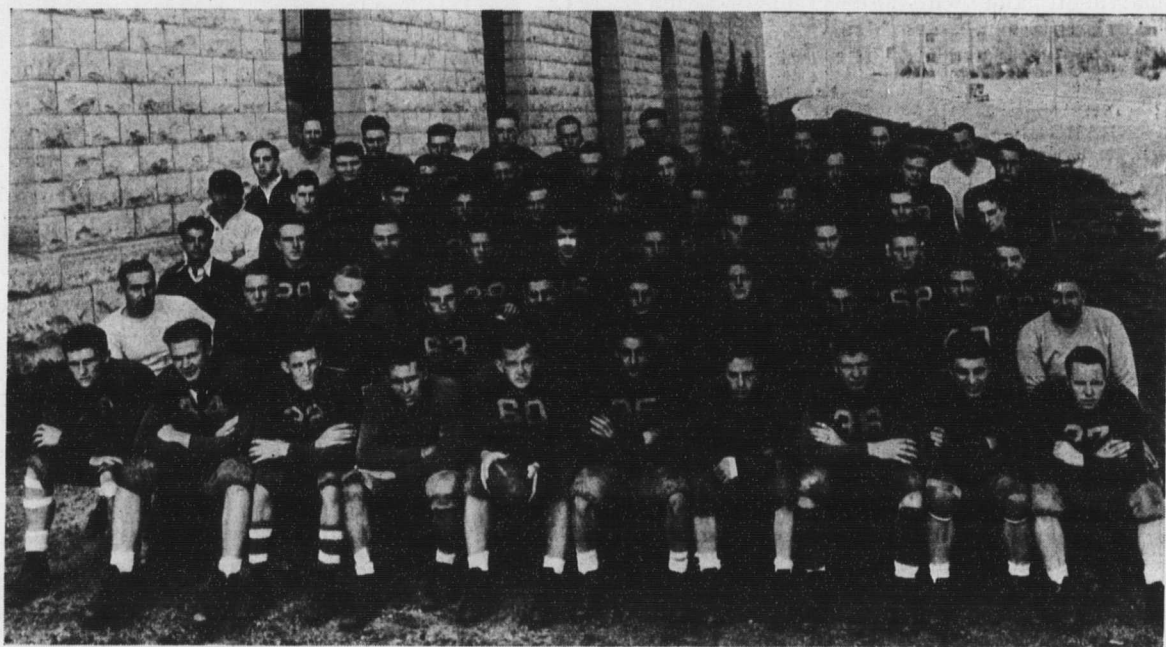
Division of home economics—Irene
Baldwin, Ada; Geraldine Cook, Russell;
Helen Hall, Marion; Aldene Nussbaum-
er, Lebanon; Elsie Prickett, Wamego;
Mary Lee Shannon, Geneseo; Pauline
Sherwood, Grenola; Corinne Solt, Man-
hattan; Lois Vinson, Manhattan.

Division of veterinary medicine—
Robert Griffith, Junction City; Lloyd
Mobley, Kansas City; Warren Skinner,
Beverly.

Final Big Six Standings

	W.	L.	T.	Pct.	Pts.	OP.
Kansas State	5	0	0	1.000	89	14
Nebraska	1	0	0	.800	37	31
Oklahoma	2	2	2	.500	27	21
Kansas	1	2	4	.200	27	23
Iowa State	1	3	1	.300	19	39
Missouri	0	5	0	.000	6	86

Kansas State's 1934 Football Men—Big Six Champions



First row, left to right: Partner, Freeland, Churchill, Griffing, Captain Maddox, Stoner, Sund-
gren, Flenthrope, Shaffer, Edwards. Second row: Assistant Coach Fry, Elder, Abbott, Holland,
Cardarelli, Beeler, Wassberg, Denchfield, Hays, and Coach Waldorf. Third row: Ayers, Muhlen-
berg, Nelson, Henry Kirk, McClung, Jessup, Witt, Fowler, Fair, and Lowry. Fourth row: Coach Root,
Whearty, Warren, Armstrong, Robert Kirk, Lander, Peters, Lane, Tannahill, and Mills. Fifth row:
Rooks, McDaniel, Rankin, Garvey, Guthrie, Cooper, Hemphill, Sconce, Lang, and Jones. Last row:
Assistant Coach Ward Haylett, Ott, Hanson, Fanning, Burns, Johnson, Lamb, Dileo, Zitnik, and
Assistant Coach Owen "Chili" Cochrane.

MADDOX ALL-AMERICAN; SEVEN ON BIG SIX TEAMS

(Concluded from first page)

Guard—Monahan, Ohio State.
Guard—Hartwig, Pittsburgh.
Center—Robinson, Notre Dame.
Quarterback—Howell, Alabama.
Halfback—Berwanger, Chicago.
Halfback—Lund, Minnesota.
Fullback—Grayson, Stanford.

The Kansas City Star's 1934 All-
Big Six teams:

FIRST TEAM

Scherer (Nebraska)	End
Hood (Iowa State)	End
Maddox (Kansas State)	End
Wheeler (Oklahoma)	Tackle
Stacy (Oklahoma)	Guard
Sklar (Kansas)	Guard
Meier (Nebraska)	Center
Ayers (Kansas State)	QB
Stoner (Kansas State)	HB
Hapgood (Kansas)	HB
Elder (Kansas State)	FB

SECOND TEAM

Churchill (Kansas State)	End
Coker (Oklahoma)	End
Gentry (Oklahoma)	Tackle
Schafroth (Iowa State)	Tackle
Sundgren (Kansas State)	Guard
Heldt (Nebraska)	Guard
Parks (Oklahoma)	Center
Bauer (Nebraska)	QB
Cardwell (Nebraska)	HB
Poyner (Oklahoma)	HB
Allender (Iowa State)	FB

Big Six football stars of 1934, by
the Associated Press:

FIRST TEAM

Scherer (Nebraska)	End
Poole (Iowa State)	End
Clawson (Kansas)	Tackle
Maddox (Kansas State)	Tackle
Stacy (Oklahoma)	Guard
Sklar (Kansas)	Guard
Meier (Nebraska)	Center
Bauer (Nebraska)	QB
Stoner (Kansas State)	HB
Cardwell (Nebraska)	HB
Poyner (Oklahoma)	FB

SECOND TEAM

Harris (Oklahoma)	End
McDonald (Nebraska)	End
Gentry (Oklahoma)	Tackle
Oberg (Iowa State)	Tackle
Sundgren (Kansas State)	Guard
Hays (Iowa State)	Guard
Griffing (Kansas State)	Center
Ayers (Kansas State)	QB
Hapgood (Kansas)	HB
Long (Oklahoma)	HB
Elder (Kansas State)	FB

Kansas State men on other All-Big
Six teams:

Kansas State men on All-Big Six
team, chosen by coaches of conference
and announced by United Press: First
team—Maddox, Ayers. Second team—
Churchill and Elder. Honorable men—

Freeland, Sundgren, Griffing, and
Armstrong.

Edward W. Cochrane's team includes:
Maddox, Churchill, and Stoner. Second
team—Griffing and Ayers.

Bus Ham, Daily Oklahoman: First
team—Churchill, Maddox, Sundgren,
and Stoner. Second team—Griffing,
Ayers, and Elder.

World-Herald, Omaha: First team—
Maddox, Ayers, Stoner, and Elder. Sec-
ond team, Sundgren.

Des Moines Register: First team—
Maddox, Stoner, and Elder. Second team
—Sundgren and Ayers.

Kansas State men on other all-star
teams:

Associated Press, All-America, 1934,
honorable mention: George Maddox,
tackle; Eugene Sundgren, guard; and
Oren Stoner, halfback.

Topeka Daily Capital's All-Kansas
team: First team—Churchill, Maddox,
Sundgren, Stoner, and Elder. Second
team—Griffing and Ayers. Honorable
mention—Freeland and R. Kirk.

PROGRESS OF KANSAS PRESS

F. E. C.

J. M. Crane is the new publisher
of the Clifton News, taking it over
from Mrs. Edna Rossman. Mr.
Crane's first issue was a newsy six-
page paper.

The Dawsons, publishers of the
Russell Record, are planning a gath-
ering of their rural correspondents
soon. They will give the Kansas
State college bulletin, "Tips to Coun-
try Correspondents," to their report-
ers and rural writers.

Will T. Beck, publisher of the Hol-
ton Recorder, chairman of the Repub-
lican state central committee, has
been appointed a member of the state
board of administration by Governor
Alf M. Landon. Mr. Beck takes the
place left vacant by the death of Seth
G. Wells of the Erie Record.

Among Kansas newspapermen
elected to the house of representa-
tives for the 1935 legislature are Asa
Converse, Wellsville Globe; E. H.
Stullken, Lakin Independent; E. A.
Briles, Stafford Courier; Harold A.
Hammond, f. s., Caldwell Daily Mes-

senger; and Ewing Herbert, Hia-
watha Daily World. J. C. Denious,
publisher of the Dodge City Globe, is
a member of the senate.

Leslie Wallace, publisher of the
Larned Tiller and Toiler, puts out a
paper that carries all that seems to
be needed in the way of news. A re-
cent issue contained 26 eight-column
pages in four sections. The paper is
well balanced in both its advertising
and news. The Tiller and Toiler is
published daily with a big weekly is-
sue on Thursday. John Watson, '30,
does most of the editorial work.

Two Kansas State graduates, Paul
Evans and Harold Weller, were given
prominence in a recent issue of the
Delphos Republican. Evans, '23, Ot-
tawa county agent, writes a farm col-
umn for the Republican and other
papers in the county. Weller, '34, is
high school coach at Delphos. W. F.
Turrentine, editor of the paper, car-
ried in this same issue the picture of
Lynn O. Waldorf, K. S. football coach,
who addressed Delphos football play-
ers and their hosts recently.

THE KANSAS INDUSTRIALIST

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Number 13

RESEARCH IS IMPORTANT COLLEGE CONTRIBUTION

AGRICULTURAL EXPERIMENT STATION HAS 75 MAJOR PROJECTS

Kansas State College Aids Advancement of Knowledge and Improvement of Practice in Agriculture, Engineering, and Home Economics

During the past two years the work of the agricultural experiment station of Kansas State college included 75 major research projects involving studies in the economics of agriculture, investigations in the animal industries, studies of diseases affecting plants, diseases of farm animals, and studies in home economics, according to the biennial report of President F. D. Farrell to the board of regents.

The agricultural experiment station, since its organization in 1887, has been the center of research work. Through the conduct of research the college contributes significantly to the advancement of knowledge and the improvement of practice, particularly in agriculture, engineering, and home economics.

MANY SERVICES TO PUBLIC

"During the biennium the station published 26 formal bulletins and circulars. Staff members prepared 244 formal scientific papers for publication in technical journals and 1,328 popular articles for publication in newspapers and farm papers. A total of 151,570 inquiries were answered by letter. Members of the staff addressed audiences at 914 meetings at which the average attendance was approximately 100, making a combined attendance of approximately 90,000," the president said in his report.

Despite reduced revenues and the necessity of suspending some of the research work and reducing the staff from 115 to 108, the agricultural experiment station has continued to make significant accomplishments in many lines, the president reported.

"Improved business practices for farms and for industries that directly serve farmers are being studied and the results are being made available for the use of the citizens of Kansas and other states. Improved varieties of crops and better methods of crop and soil management are being developed.

MUCH WORK IS BASIC

"The technique of producing meat and dairy animals and poultry is being studied and results are contributing to constant improvement. The testing of horticultural plants, shade trees, forest trees, and of plants and shrubs for ornamental use is of great value. The research work in flour milling is outstanding and is highly regarded by persons engaged in the milling industry of the country.

"Accomplishments in bacteriology, botany, chemistry, entomology, veterinary medicine, and zoology have continued to be outstanding. Much of the work in these fields is not spectacular but it is basic to other work of the agricultural experiment station."

Extensive research work also is being done and great accomplishments achieved by the engineering experiment station and by research conducted by the divisions of home economics and general science.

The greatest need of the experiment stations and research departments is more nearly adequate funds with which to provide additional personnel and equipment, the report stated.

'TESTING FOR TUBERCULOSIS MORE IMPORTANT THIS YEAR'

All Herds Should Be Examined, Extension Veterinarian Says

All untested herds of cattle in Kansas should be examined for tuberculosis this winter, declared J. W. Lumb, extension veterinarian, in a recent talk at the college.

"Many animals will be on short rations this winter anyhow, and it is hence especially desirable that only healthy animals be kept in the herd," he pointed out. "Dairy and breeding herds in 64 counties of the state have been tested, but there are still 41

counties, chiefly western ones, in which they have not."

"The expense of cleaning up these herds," he showed, "will be less now than after restocking. In counties where this work has not yet been done, the government will test the cattle free and also will pay indemnities on diseased animals. The owner has only to pen up his herd and assist in handling it."

The indemnity is a maximum of \$20 on grade animals, \$50 on purebred registered animals.

HOME ECONOMICS STUDENTS GET TRANS-CAMPUS CRUISE

Staff Acquaints All with Work of Entire Division by Conducting Tour of Buildings

Little green passports "vised" by the home economics staff for a Thursday afternoon trans-campus "cruise" went out this month to every student in the division of home economics. "Ports of call" were Calvin, Thompson, Anderson (halls), Van Zile "harbor," and Ellen Richards (lodge). The aim of the cruise was to acquaint the students with the work of the division, not with just their own major subject.

Calvin hall showed nursery school-rooms and the babies' "art" work and other activities. Captions explained each. "Don't tell me they let those babies use a saw and that hammer!" ejaculated one girl, examining the little boys' work bench tools, scarcely able to believe that the children could be taught to use them without danger. The diminutive bathroom equipment, the little cots for their naps, the water color "pictures" also brought forth interested comments from the 330 girls who filed through the sunny rooms.

The attic of Calvin hall, where white rats are used for research work, disclosed a field unknown to some of the underclassmen. Three cages of white rats at the entrance to the attic carried attached charts: a slightly rising line to indicate the stunted development resulting from "snacks"—a diet of candy and cookies; a more rapidly rising line for the more active rats fed on pop and "hot dogs"; and a still greater rise for the fortunate animals fed on milk with bacon and tomato sandwiches.

Other rooms in Calvin showed research work on silks to determine how much lead or tin unwary shoppers are buying with their silk materials, on various sheetings and blankets to test wearability, on cottons to test color fastness. Another showed how their fellow students do flat pattern designing and develop their smart looking dresses first in muslin and then in the desired material.

Thompson hall introduced them behind the scenes with institutional economists. In Anderson hall, a climb to the attic revealed little visited museum of art objects. Van Zile showed the cooperative housekeeping plan in action, and the cruise ended at the practice house with tea. Classes had been dismissed for the afternoon.

DAIRY MANUFACTURING SHORT COURSE WILL BE NEXT MONTH

Market Milk, Butter Making, and Ice Cream Making Offered

The dairy department of Kansas State college will conduct its annual dairy manufacturing short courses January 7 to 26.

Courses offered include one in market milk, including lectures and practice in the production and handling of market milk, cream, cultured buttermilk, and soft cheese. This will be the week of January 7 to 12.

The following week, January 14 to 19, the courses in butter making, which will include lectures and practice in the various phases of preparing the cream, churning, packing, and starter making, will be offered.

Ice cream making, which includes a study of ingredients, composition, calculations, processing, and refrigeration will be January 21 to 26.

The courses are designed primarily for men who have had some experience in the various lines, but inexperienced men may enrol.

NEW FORENSIC ACTIVITY ATTRACTS MANY ENTRIES

COLLEGE AND UNIVERSITY SQUADS OF STATE PARTICIPATE

Local Chapter of Pi Kappa Delta, Forensic Fraternity, to Sponsor Students' Legislative Assembly on Campus January 18 and 19

Something new in the way of forensic meets will take place on the campus January 18 and 19 when college and university debate squads from all over the state will gather to participate in a students' legislative assembly. The event is being sponsored by the local chapter of Pi Kappa Delta, national forensic fraternity. Fourteen schools have already said they would be represented.

The first general session Friday will include election of a speaker and speaker pro tem, appointment of sergeant-at-arms, and the adoption of rules. The assembly will be addressed by an outstanding state leader who will present three major problems which are to be acted upon by the 1935 session of the Kansas legislature.

Attorneys with knowledge of legislative procedure will be on hand to offer advice as needed. Problems will be referred to three committees who will consider them and draft bills or resolutions.

The session Saturday will be given over to debate on the bills or resolutions. Following the discussion the delegates will take whatever action is desired on each proposal.

In addition to the assembly itself a banquet will be held Friday evening. A radio debate between Kansas State college and Kansas State Teachers college of Emporia will be broadcast Friday afternoon.

SWIFT NAMED OUTSTANDING STUDENT CADET IN MIDWEST

Will Represent Seventh Corps Area as Guest in Washington, D. C.

Cadet Colonel Dean Swift of Kansas State college will represent the seventh corps area of R. O. T. C. as a guest in Washington, D. C., as the outstanding student cadet from 11,000 students in middle western colleges.

Selection was based on scholastic standing, achievement in campus and military leadership, athletic achievement, and special attainments in R. O. T. C. camp.

Colonel Swift has excelled in all of these and is working his way through college. He is now a senior in civil engineering and taking an advanced course in coast artillery, according to Colonel John S. Sullivan, head of the department of military science and tactics at Kansas State college. Swift's home is Olathe, Kan.

ART STUDENTS ON TOUR OF INSPECTION IN KANSAS CITY

Supplement Class Work with Visits to Objects of Interest

Seventy-five students and instructors in the department of art at Kansas State college were in Kansas City December 6 and 7 supplementing their class work with visits to various places of interest.

Friday morning the group, traveling in three buses, visited the Duff-Repp Furniture company, the Kansas City Art institute, and the Donnelly Garment company, and spent the afternoon at the Nelson Gallery of Art. Friday evening they attended the opera.

Saturday morning's schedule included visits to the Midland theater, the Keith Furniture company, the Plaza theater, Kansas City Liberty memorial, the statues of the Scout and the Pioneer Mother, and to several houses which were opened for the inspection of the visitors.

Faculty members who accompanied the group included: Miss Dorothy Barfoot, Miss Rose Marie Darst, Miss Vida Harris, Miss Louise Everhardy, and Miss Maria Morris.

'Ackertia,' New Scientific Term

Dr. J. E. Ackert's contribution to the field of zoology has been recog-

nized by the christening of a new genus of animals "Ackertia." Doctor Ackert is dean of the division of graduate study. A South American investigator coined the new name "Ackertia," and it will be used as part of the scientific names of animals of similar structure. In recent years scientists have adopted the plan of converting surnames of recognized investigators into genus and species names of plants and animals.

PRIZE NOVELS, BIOGRAPHY, BEST SELLERS DISCUSSED

Professor Rice, Miss Aberle Share Platform in Hour Given to Literature of 1927

Best sellers, prize novels, and the "new" biography were the subjects of discussion December 11 in the seventh of this year's series of lectures by members of the English department. Prof. Ada Rice and Asst. Prof. Nellie Aberle were the lecturers, taking up in particular the writings of 1927.

That year saw two major events in the world of books, the origin of the Book of the Month club and of the Literary guild, Miss Rice reminded her audience, and declared that for the most part these book clubs have selected excellent books and have been instrumental in increasing materially the number of book sales and at the same time improving the literary quality of the "best seller."

She discussed the prize winning books of that year: the Pulitzer award, Wilder's "Bridge of San Luis Rey"; Harpers' prize winner, Westcott's "The Grandmothers"; Atlantic Monthly's choice, De la Roche's "Jalna"; and the Dodd-Mead-Pictorial Review victor, Mateel Howe Farnham's "Rebellion."

The so-called "new" biography was Miss Aberle's lecture subject. She showed that the realistic biography is actually as old as the idealizing type, Suetonius using the former, Plutarch the latter. Biographies of the Suetonius type considered that the purpose of biography is to transmit a personality, whereas the Plutarchian writers aim to present a noble life in its noblest aspects to inspire readers to emulate them; the one being written primarily to entertain, the other to teach a lesson.

"The year 1927 was rich in biographies that have enjoyed more than an ephemeral existence," she pointed out, and named among those still read and enjoyed: Morris' "Rebellious Puritan" on Hawthorne; Haldane's "George Eliot and Her Times"; Murry's "Journals of Katherine Mansfield"; Sadlier's "Anthony Trollope"; Maurois' "Disraeli"; Aloysius' "Trader Horn"; Ludvig's "Bismark" and "Napoleon"; Browne's "That Man Heine."

Van Wyck Brooks' "Emerson" she discussed at length.

Last night's lecture was by Prof. J. O. Faulkner.

HALBROOK SUCCEEDS KLEIN AS POULTRY HUSBANDRY MAN

Missouri Grad Given Position in K. S. C. Extension Work

The appointment of E. R. Halbrook to succeed Prof. G. T. Klein, assistant professor of poultry husbandry in extension, has been formally approved by the state board of regents.

Halbrook, a graduate of the University of Missouri, has been doing research and extension work at the University of California for the past four years. Professor Klein resigned to accept a position on the faculty of Massachusetts Agricultural college.

Social Organizations Claim 823

Eight hundred and twenty-three of the 2,734 students enrolled at Kansas State college are members of social fraternities, and 568, approximately one-fifth, live in chapter houses. Of the 791 women students, 247 are members of social organizations and approximately 160 live in sorority chapter houses. Men students total 1,943, of which 576 are fraternity members, 408 of whom live in chapter houses.

MANHATTAN AND COLLEGE HONOR BIG SIX CHAMPIONS

BANQUET FOR 676 PERSONS CLIMAXES VICTORY CELEBRATION

Kansas State, High School, Athletes and Coaches Guests of Chamber of Commerce—Dean Griffing Elected 1935 Wildcat Captain

Manhattan and Kansas State college toasted a Big Six football championship and a two-mile team title at a victory banquet December 11 at the Wareham ballroom with a crowd of 676 persons attending. The banquet climaxed the celebration of Kansas State's Big Six football title.

Royal purple K blankets and gold footballs were announced as the awards to the 24 football lettermen. Gold track shoes will go to the two-milers. The Manhattan high school football and relay teams also were honor guests.

Coach Lynn Waldorf brought perhaps the greatest cheer from an enthusiastic crowd which put real meaning into the "Wildcat Victory" song when he said, "I am happy in my relationships here and have no plans other than to continue them. I think that goes for the entire staff." Waldorf's statement was interpreted to mean that both he and Wes Fry, backfield coach, will be with the Wildcats next fall.

MANY ALUMNI RETURN

Announcement was made that Dean Griffing, 185-pound center from Council Grove, had been elected by the lettermen to captain the 1935 Kansas State football team.

Many former football players and other alumni returned for the occasion, and greetings from others from all sections of the United States were read.

Among the messages were those from Governor Alf Landon of Kansas, from Chairman C. M. Harger and the state board of regents, and from General James G. Harbord, chairman of the board of the radio corporation.

A. W. "Jub" Ehsam of Enterprise, first coach at Kansas State, sent greetings, and W. G. Tulloss, captain in 1898, was a guest.

President F. D. Farrell, in discussing the meaning of a Big Six title, said it "vindicated a method of conducting athletics which involved cooperation of students, faculty, and the community—a system which would have made it possible for Coach Lynn Waldorf to lose all his conference games in his first year without losing standing." He also said he believed the college would be able to take victory as gracefully as it has taken defeat in the past.

WALDORF SHARES HONORS

All members of the 1934 football varsity were introduced by Coach Waldorf, who said "if there is any credit to be given, these are the ones who should get all of it. They are the finest group of boys I've ever known."

C. C. Brewer, president of the chamber of commerce, sponsor of the banquet, was toastmaster. The program included group singing and college yells, talks by Clarence Little, Roy Green, and Robert Swart of the high school; Ward Haylett, coach of the championship two-mile team and an assistant varsity coach; Frank Root, freshman coach and head basketball coach; Wes Fry, backfield coach; Mike Ahearn, Doctor Farrell, Kenney Ford, Fred Seaton, George Maddox, and Waldorf. The guests then watched motion pictures of crucial games of the season.

Gold football watch charms set with diamonds were presented to Waldorf, Fry, and Ahearn. A gold track shoe was presented to Haylett.

Waldorf was generous in sharing the honors of the season. He reminded that Fry started the season with only two lettermen, yet developed a fine backfield. He also heaped praise upon Haylett, O. L. "Chili" Cochran, Root, Laverne Spears, H. H. Haymaker, Dr. A. A. Holtz, and others who had a part in building the team.

The KANSAS INDUSTRIALIST

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WEDNESDAY, DECEMBER 19, 1934

SYMBOLS OF CHRISTMAS

Mistletoe and holly wreaths now make doorways and windows everywhere festive. Evergreen trees of all sizes, both rooted and felled, glow with bright lights and ornaments.

How heart warming, spirit lifting, all these symbols of the Christmas tide, with their rich and ancient associations! For what countless centuries have they figured in man's religious life!

Today the mistletoe is in the United States connected with the romantic gayer side of the holiday. Among primitive peoples, however, especially if it grew on the oak, it connoted healing power, protection against evil. In Sweden a sprig of it was hung from the ceiling not as encouragement to the amorous but as a talisman to ward off malicious spirits. The horse's stall and the cow's crib were similarly decorated and protected. Superstitious dairymen in Wales and northern England even today give mistletoe to the first cow that calves after New Year's day, so that their dairies may thrive and evil spirits be rendered powerless.

The Celtic word for mistletoe, still used in the British Isles, translates "all healer." Flourishing as it does in the air, seemingly without roots, remaining green the year 'round, no wonder it came to be regarded as having mystical qualities, as being a gift of divinity. Since it did not touch the contaminating earth, it was believed to be especially effective in warding off attacks of epilepsy, the falling sickness. In rural France and Sweden even yet knives made of mistletoe wood taken from an oak tree are carried for that purpose. Simple folk in southern France consider a drink brewed from it an effective antidote for poison. Austrians lay it on the threshold to prevent nightmare.

The evergreen, too, is hoary with ancient beliefs. The oldest sanctuaries amongst the Germans were in deep woods. All the great European peoples of the Aryan stock were once tree worshippers. What wonder that a fondness for the evergreen should persist, even though in a changed form, up into the present. It is a fitting symbol of immortality, with its greenness deepening after the leaves of other trees are gone, fitting symbol, too, of aspiration, with its central shaft pointing upwards.

The very choice of December 25 for celebrating Christ's birth is rich with religious feeling which has its roots in prehistoric times. In the Julian calendar that was the date of the winter solstice, set aside by the "heathen" for celebrating the nativity of the sun god, for then the days begin to lengthen and the power of the sun begins to increase.

As the Gospels had given no clue to the date of Christ's birth, the early church did not celebrate it as one of their holy days. The Egyptian Christians, however, came to regard January 6 as the date of the nativity, and the entire eastern church soon adopted it as such. The western church, however, never accepted this date of their eastern brethren, and in the fourth century chose December 25 as the date on which to celebrate the birth of their Lord. Partly this date was selected in order the more easily to get the "heathen" to transfer their devotion from the sun to the Son of Righteousness. The

church in Antioch in 375 A. D. acquiesced in this date, as did the whole eastern branch of the Christian church finally, using the old date of January 6 for Epiphany, the celebration of the visit of the Magi in Bethlehem.

Knowledge of the superstitious origins of our Christmas symbols, far from detracting from their beauty, serves to enhance it. It shows how deep rooted in man is the religious instinct, how even the earliest man was groping upward, reaching for something outside and beyond his weak and erring self.

BOOKS

Toward Understanding Germany

"Modern Germany." By Prof. Paul Kosok. University of Chicago Press and Cambridge University Press. 1933. \$3.

Those who have been shocked and bewildered by recent events in Germany will arrive at enlightenment and a sympathetic appreciation through reading Kosok's "Modern Germany."

For students of contemporary German life it is invaluable, having in it material available so far in no other book. Though the writing of it was practically finished before Hitler's accession to power, it shows the Nazi triumph as the logical outcome of forces at work during the parliamentary regime, forces whose roots were deep in the structure of pre-war Germany.

Part one takes up the seven classes of German society and traces their political philosophy from the Middle Ages to the present: the capitalist class, the city laborers, the lower middle classes, the landed aristocracy, the landless farm laborer who makes the lowest cultural strata, and the land owning farmers.

The farmers he shows as ultra conservative, favorable to government by the capitalist group because it defends private property, yet bitterly opposed to agrarian capitalism which, since stabilization of the mark in 1924, has destroyed much small scale agriculture.

According to the last published records (1925), 60 per cent of the farms are of 1 1-4 to 5 acre plots; 18 per cent have only 5 to 12 1-2 acres; another 18 per cent have 12 1-2 to 50 acres; only 4 per cent are holdings of between 50 and 250 acres; whereas 20 per cent of the farming land is still in the hands of the landed aristocracy.

The government has vacillated between indifference to the woes of the small farmer and a feeble effort to keep them satisfied enough to offset radicalism among city laborers. The many farm foreclosures, therefore, bred antagonism against the republican state and sent farmers into the Nazi fold, lured by vague promises of betterment.

The plight of the landless farm laborers Kosok shows to be yet more wretched. Germany's "hired hands" have had neither freedom of contract nor of person. The owner of the estate upon which they are hired for seasonal labor has had complete control of the local church, school, court, and officials. Miserable housing and working conditions, acute unemployment, bred in these a revolt against the republican regime which sent them, too, into the folds of both extreme parties, the Nazis and the Communists, in spite of their traditional loyalty to the state.

The political parties, the bureaucracy, the army, the schools, and the church, in post-war Germany compose part two of the book. Part three takes up non-political movements—racial and propagandistic—use of the press, radio, and film for developing civic and national loyalties. Last comes an interesting contribution by one Isador Ginsburg on national symbolism, showing the technique of civic and national propaganda, "conditioning the minds of the masses to the institutions which are at once the essence and the symbols of bourgeois society and the bourgeois state."

Though a few reviewers have been irritated by what they call Kosok's heavy style, one declaring that his book has the "dull rhythm of tacks driven into a board," none have challenged its material. This reviewer was sufficiently impressed by and absorbed with the content of the book not to share that irritation. I warmly recommend it to all who would understand the Germany of today.—H. P. H.

RURAL CHURCH PROBLEMS

There are some very definite reasons why the village or city church

cannot at present meet all the farmer's religious needs. The matter of transportation is still a prickly one. Not all rural people have cars. Roads are not all improved. Even with a car, costs are high. There is the problem of the transportation of the children who form a relatively large proportion of the country population.

Consider also that the country church can do things for the farmer that the village or city church cannot. Thanksgiving day I attended a community dinner in an open country church. The church hall was packed, with tables set in the vestibule, and a second board for cooks and waiters. The tables literally groaned under the weight of choice foods. Joy, good

IN OLDER DAYS

From the files of The Industrialist

TEN YEARS AGO

H. L. McGee of Ramona, guard, was named Aggie football captain-elect.

Otis Skinner, famous actor, was scheduled to appear in Manhattan under the auspices of the American Association of University Women.

An appropriation of \$350,000 to be used in constructing a new library building was requested by President W. M. Jardine in his biennial report to the state legislature.

TWENTY YEARS AGO

Sixty-five degrees were granted at

Art Moves Westward

Anne O'Hare McCormick in the New York Times Magazine

Divided into three parts, the corn belt, the wheat belt, and the cattle belt, Kansas is fairly representative of the three main types of agriculture and of every type of farmer. All its interests are agricultural. It has no large cities; the houses on the wide, shaded streets of its level towns are inhabited mostly by retired farmers living—at least until yesterday—on farm mortgages and the "egg money," literal nest egg of the agricultural economy.

The metropolis of Kansas is in Missouri, but Kansas City is as thoroughly Kansan as its name implies. Kansas City is the real capital of the farm country, center of its industries, its markets, its fashions, and its cultural interests. That it has come through the depression better than any other city of its size and today wears a bright face compared to big towns further east, signifies how firm, after all, despite ten years in low, are the foundations of our basic industry. During these low years Kansas City has established a symphony orchestra which actually pays its own way. It has gone in for civic beautification on rather a grand scale. Here today, and not in the east, flourish the lecturer, the little theater, the new arts. This year marked the opening of the dazzling new art museum, gift of the late Colonel Nelson, publisher of the Kansas City Star.

The farm capital may not yet be the center of art and culture, but it proves that the center moves westward. On the prairie as well as in the industrial cities you see the same strange glow beginning. You might not notice it save for the encircling gloom, but it looks like the rise of a native American culture. That is the one sight on the horizon not to be missed. It goes with an almost dramatic improvement in popular taste, visible on all fronts.

will, and laughter prevailed. It was an established community festival for which there was no charge. The larger church at the center could not have duplicated that event.

Then there is the conflict that arises because of the difference in occupations. Should there be an attempt of the village or town church to cooperate with a rural group in serving a supper, the first question to be solved would be that of time. The villager is ready to eat at 6 o'clock. The dairyman is still at his chores. Noon would be more convenient for him, but then the villager has little time. This difference between farmers and city and village people works against the establishment of a central church that will serve both groups.

The most important reason for the larger parish is that it offers a plan for progress. One can easily see the difficulties faced by those interested in rural religious welfare. There is a definite service for the rural church, yet it is often too weak to perform it.—Mark Rich in Successful Farming.

SCIENTIFIC PUBLICATIONS OF KANSAS STATE COLLEGE

"The Operations of a Lethal Factor in Apotettix Eurycephalus (Grouse Locusts)," by Robert K. Nabours and Laurel L. Kingsley, Kansas agricultural experiment station, Manhattan, Kan., reprinted from Genetics, July, 1934. This paper deals with (1) the discovery in Apotettix eurycephalus Hancock of an autosomal lethal factor linked with those for the dominant, elementary color patterns, (2) the approximate, uniform stage of embryonic development attainable by the homozygous lethals, and (3) the apparently increased viability and probably vigor of individuals heterozygous for the lethal over sibs homozygous for its normal allele.

commencement exercises. The commencement address was delivered by Henry Mahan Beardsley of Kansas City.

Outdoor gymnasium classes under the direction of Charles F. Holladay, instructor in physical training at the college, were proving successful. It was the first time that the playing of outdoor games had been tried on a large scale in any college in the west. The boys were to stay indoors when the weather was bad and learn the Highland fling and the barn dance.

THIRTY YEARS AGO

Miss Lydia A. McKee and Earl C. Butterfield, '98, were married at the McKee home near Blue Rapids.

The new auditorium was dedicated with afternoon exercises and an evening music program. President Storms of Iowa Agricultural college gave the dedicatory address. Others on the speaking program were Captain McDowell, president of the board of regents; Regent Fairchild; President Nichols of the college; President Wilkinson of the state normal school; Chancellor Strong of the University of Kansas.

FORTY YEARS AGO

Numerous jars of clams and crawfishes were collected during the fall to be used in the zoology laboratory the winter term.

Two hundred and fifty invitations were issued for the dedicatory exercises and banquet of the new library and agricultural science hall. The dedication was to be under auspices of the Kansas Academy of Science scheduled to meet on the campus.

FIFTY YEARS AGO

Prof. David S. Jordan, well-known authority on the fresh-water fish fauna of North America, presented to the college museum 26 specimens of marine fish from the coasts of Florida, New Jersey, Massachusetts, and

Italy, also fresh-water specimens from Indiana.

THE HEART

Stephen Crane

"In the desert I saw a creature, naked, bestial, Who, squatting upon the ground, Held his heart in his hands, And ate of it. I said, 'Is it good, friend?' 'It is bitter—bitter,' he answered; 'But I like it Because it is bitter And because it is my heart.'"

SUNFLOWERS

By H. W. D.

PERSPECTIVE

One of the finest things I noticed about that human race—maybe the very finest—is a habit it has of wishing itself happiness and lots of good luck during its chief holiday season.

The human race, as you may know, is a seething mass of two billion sentient beings inhabiting a small planet called Earth, one of the Sun's children. They spend a great deal of the time fretting, and striving to surpass one another, using various tricks not at all up to the standard of the best ethics Heaven has supplied them with. Sometimes they fight and kill by the thousands, almost over nothing.

Yet they ought to be contented. They've conquered the flora and the rest of the fauna of Earth, they own the land, they've subdued the sea and the air, they've outwitted the weather, and they've dug deep into Nature's secrets and greatly enriched themselves thereby. About all they have to do any more is turn switches—and what they want comes trotting. They should be the most contented of creatures.

But they're not so at all. Indeed, they deplore the *savoir faire* of one of their wisest and most useful domestic animals, the cow, because she insists on placidly chewing her cud and refuses to worry about her duty to the rest of the cows and the gods of the bovine kingdom. The contented cow, I understand, is a sort of joke. Earth's children think her dumb.

However, once every twelvemonth a considerable number of the inhabitants of Earth get together on one of the tenets of their philosophy, become contented, and go about wishing all their fellow beings much happiness and much prosperity throughout the coming journey round the sun, called a year. They give each other gifts of varying value, according to their wealth in money and chattels. And still better, they feel kindly toward one another—deep down in their hearts.

This glorious holiday season they call Christmas, in honor of Christ, the Great Teacher who went to Earth a long time ago to instruct its peoples in the art of living together amicably, and respecting and loving one another. The followers of this Savior call themselves Christians and have bravely spread his philosophy over most of the globe.

There is considerable scattered evidence that the teachings of this great leader are beginning to make themselves felt in the everyday living and thinking of the Christian nations, although you might not suspect it from a perusal of news journals published on that planet. In these, particularly on the front pages, you will find accounts of wars and rumors of wars. Millions of that human race live in daily fear of the outbreak of a second World war, much like one which broke out only two decades ago and devastated the principal Christian continents.

Yet in spite of all this, the season of Christmas, birthday of Christ, the Prince of Peace, grows more and more beautiful and more meaningful. Hearts are softened, and selfishness and covetousness are shoved aside by the onrush of good wishes, good will, and contentment.

Every inhabitant, except the very meanest and lowest, greets his fellows with—

Merry Christmas and a Happy New Year!

It's a beautiful custom.

The fashion wears out more apparel than the man.—Much Ado About Nothing.

AMONG THE ALUMNI

J. C. Bolton, '99, is a stock farmer on route 3, Manhattan.

Anna M. Wilson, '31, is teaching home economics at Partridge.

Beulah Leach, '33, is teaching home economics at Bird City.

H. E. Adell, M. S. '31, is superintendent of schools at Delphos.

Virginia Gibson, '32, is teaching home economics at Miltonvale.

The address of Anna Howarth, M. S. '33, is box 146, Tatum, N. M.

Verna Breese, '24, lives at 2109 F street, N. W., Washington, D. C.

Ruth (Cooley) Sweet, '28, is living on a ranch near Cerrillos, N. M.

Dr. C. E. Bassler, '07, is practicing veterinary medicine at Ainsworth, Iowa.

Rida Duckwall, '27, is teaching mathematics and typewriting in the Topeka high school.

James S. Hudgens, f. s. '19, now lives at 203 Greenway road, Country Club Heights, Salina.

Frances Mae Gordon, '34, is home advisor of Woodson county. Her address is Yates Center.

Everett Emerson Fear, '29, is a bookkeeper and teller in the First National bank in Herington.

Frances H. Cunningham, '28, is theoretical instructor at the Methodist hospital in Memphis, Tenn.

Olah (Butler) Wilson, M. S. '33, is an instructor in home economics at Iowa Wesleyan, Mt. Pleasant, Iowa.

Elma S. Jones, '13, lives at 121 East Jewell, Salina. She is with the Kansas Emergency Relief corporation.

Margaret Elizabeth Perry, '25, is chief dietitian at the Cleveland City hospital. Her address is 1803 Valentine road, Cleveland, Ohio.

Stanton Curtis, '93, is general passenger agent for the Mobile and Ohio railway company. His address is 406 Clara avenue, St. Louis, Mo.

L. H. Fairchild, '16, is now a member of the educational staff of Allied Mills, Incorporated, of Chicago. His home address is Crown Point, Ind.

Gladys Winegar, M. S. '27, is clothing advisor for the Illinois Relief administration. Her address is 159 North Taylor avenue, Oak Park, Ill.

Dr. J. A. Bogue, '21, is the new president of the Kansas board of veterinary medical examiners. His address is 1613 East Douglas street, Wichita.

D. C. Bascom, '10, is with the college agricultural extension service of the Colorado Agricultural college. He is a specialist in rural organization. His address is Fort Collins, Colo.

E. W. Winkler, '21, is an underwriter for the Pacific Mutual Life Insurance company of California. He and Alice (Englund) Winkler, '26, live at 15 South Eighth street, Salt Lake City, Utah.

G. I. Johnson, '28, is an extension agricultural engineer with the agricultural extension division of the University of Georgia. His headquarters is at the Coastal Plains experiment station, Tifton, Ga.

August I. Balzer, '26, is assistant entomologist with the bureau of entomology and plant quarantine, United States department of agriculture. His address is 2425 Laurel avenue, Beaumont, Tex.

Marshall H. Russell, '18, is now working in the Cleveland district office of the General Electric company. He is doing general apparatus sales work. His home is at 1215 Marlowe avenue, Lakewood, Ohio.

Lathrop W. Fielding, '05, is in the grain and seed business in Manhattan. He also is superintendent of the Manhattan city waterworks. He and Crete (Spencer) Fielding, '05, live at 1431 Humboldt, Manhattan.

James Robert Douglass, M. S. '23, is an associate entomologist with the United States bureau of entomology and plant quarantine. He is in charge of the bean insect laboratory at Estancia, N. M. His address is box 348, Estancia.

Harold W. Bales, '09, lives at 36 East Albany street, Oswego, N. Y. He is practicing veterinary medicine and is the Oswego county veterinarian. He also is connected with the United States bureau of animal industry, Washington, D. C.

Howard William Higbee, '28, is as-

sisting in the preparation of a report on national land resources. He has been engaged in land use studies with the United States department of agriculture for some time. Mr. Higbee plans to work for his Ph. D. degree next semester at Cornell or the University of Wisconsin.

Alice E. Miller, '29, is teaching home economics and health education at Santiago college, Santiago, Chile. She writes, "This is a school for girls with an enrolment of over 450 including grade and high school work. Most of the teaching is done in English, but having learned Spanish in Porto Rico I find it very useful at times."

MARRIAGES

BROSS—HERMAN

Esther Bross, Elmo, and Elmer Herman, f. s. '34, were married August 15. Mr. Herman is head of the biology department at Mission House college, Plymouth, Wis.

SKINNER—HOGARTY

The marriage of Josephine Skinner, '32, Topeka, and Ray Theron Hogarty, Ada, took place August 4 in Topeka. Mrs. Hogarty has taught home economics in the high school at Ada for the past two years. They live in Ada.

CODER—MANLY

Gladys Coder, Manhattan, and Ralph W. Manly, f. s. '33, Manhattan, were married August 21 in Salina. For the past two years Mr. Manly has been a clerk in the office of Probate Judge Charles F. Johnson in Manhattan.

REED—KENDALL

The marriage of Grace Editha Reed, '30, and Dr. Forest H. Kendall, Holton, took place August 10 in Topeka. Mrs. Kendall taught physical education in the Topeka high school for the past year. They live in Holton where Doctor Kendall is practicing.

NORTON—BARKLEY

The marriage of Harriett Norton, f. s. '32, Kalvesta, and George Barkley, Dodge City, was August 12 in Dodge City. Mrs. Barkley has taught in Kalvesta for the past two years. Mr. Barkley is a state oil inspector with headquarters in Ellinwood where the couple are at home.

KEACH—PERRY

Announcement has been received of the marriage of Vernice Keach and Robert Perry, '33, Chanute, June 19. Mrs. Perry has been teaching for the past several years in the junior high school in Chanute. Mr. Perry is employed by the Kansas state highway commission. They live in Chanute.

BURR—BURR

Osceola Burr, '23, and Dr. Walter Burr, '26, were married August 13. For the past four years Mrs. Burr was head of the expression department of William Woods college. Doctor Burr formerly was professor of rural psychology at Missouri university. Both are former members of the faculty of Kansas State college. They now live in Washington, D. C., where Doctor Burr is head of the federal re-employment bureau.

BIRTHS

W. D. Philip, Jr., f. s. '29, and Violet (Walker) Philip, '29, Hays, announce the birth of a son, William III, on December 3.

O. W. Green, '29, and Lois (Russell) Green, '29, 1014 North Olive street, Abilene, are the parents of a son born December 3.

W. Clarence Fulton, '23, and Mary (Neavitt) Fulton announce the birth of twin daughters, Mary Elizabeth and Martha Joanne, on October 26. The Fultons live on route 3, Harper.

Frank A. Swanson, '23, and Carola (Peshel) Swanson, '29, announce the birth of a daughter, Marilyn Helen, September 17. Their address is 1233 N. W. Forty-third, Oklahoma City, Okla.

DEATHS

BOONE

Elizabeth (Heath) Boone, f. s. '20, died December 10 in Manhattan from a streptococcus throat infection. She is survived by her husband, two children, her mother, and two sisters and two brothers.

WILDCATS PLAYED FIRST FOOTBALL GAME AND WON, IN 1893—AHEARN'S RECORD BEST

Intercollegiate football was first played by a team representing Kansas State college in the fall of 1893, when an eleven defeated St. Mary's (Kansas) academy, later St. Mary's college, 18 to 10. Football previously had been an inter-class sport.

In the fall of 1894 the first home game was played, again against St. Mary's, but this time the visitors won 28 to 0.

Not until 1897, when T. E. Will succeeded George T. Fairchild as president of the college, did the school officials give permission "to have athletics in the name of the college," and a paid coach was employed.

A glance at the all-time Kansas State football record shows that Mike Ahearn's teams gave the school its

greatest years in total points scored and the number of games won. In six years Ahearn's teams scored 1,145 points to 257 for their opponents, winning 38 games and losing 12. The greatest year was his last, 1910, in which the team won nine and lost one, scoring 274 points to 28. The previous year the team piled up 320 points and held opposing teams to 11 points but lost two games out of 9.

Guy Lowman's teams in four years won 16, lost 15, tied 1; Z. G. Clevenger's teams in four years won 18, lost 5, and tied 5; Charles Bachman's teams in eight years won 33, lost 23, and tied 9; A. N. "Bo" McMillin's teams in six years won 30, lost 21, and tied 1.

ALL-TIME KANSAS STATE FOOTBALL RECORD

Year	Captain	Coach	Won	Lost	Tied	K. S. Points	Op. Points
1896	Poston	Pratt	0	1	1	6	20
1897	Wagner	A. W. "Jub" Ehrsam	1	3	0	4	61
1898	W. C. Tullios	Billy Williamson	1	1	2	32	16
1899	Thompson	Albert Hanson	2	3	0	23	72
1900	E. S. Pangborn	F. G. Moulton	2	4	0	47	100
1901	J. Spencer	Wade Moore	2	4	1	35	69
1902	N. L. Towne	C. E. Dietz	2	5	0	46	81
1903	N. L. Towne	G. O. Dietz	3	4	1	56	103
1904	C. Walker	A. A. Booth	1	5	0	48	169
1905	Walter T. Scholz	Mike Ahearn	6	2	0	149	51
1906	Carl Mallon	Mike Ahearn	5	2	0	103	37
1907	J. Montgomery	Mike Ahearn	5	3	0	135	56
1908	Oliver Hunter	Mike Ahearn	6	2	0	164	74
1909	John Glingery	Mike Ahearn	7	2	0	220	11
1910	D. Croyle	Mike Ahearn	9	1	0	274	28
1911	Jake Homes	Guy Lowman	5	4	1	47	87
1912	Clemens Pelps	Guy Lowman	8	2	0	204	103
1913	Fred Loomis	Guy Lowman	2	4	1	85	122
1914	Merl Agnew	Guy Lowman	1	5	1	44	149
1915	E. W. Skinner	Chief Bender	3	4	1	42	84
1916	John Barnes	Z. G. Clevenger	6	1	1	163	36
1917	L. W. Randels	Z. G. Clevenger	5	2	0	154	19
1918	"Stiff" Randels	Z. G. Clevenger	4	1	0	95	29
1919	Bogue	Z. G. Clevenger	3	1	5	69	106
1920	Ike Gatz	Charles Bachman	3	3	3	83	55
1921	E. E. Cleland	Charles Bachman	5	3	0	84	64
1922	Ray Hahn	Charles Bachman	5	2	2	154	61
1923	Ralph Nichols	Charles Bachman	4	2	2	100	72
1924	Lyle Munn	Charles Bachman	3	4	1	69	89
1925	H. W. McGee	Charles Bachman	5	2	1	70	43
1926	S. J. Tombaugh	Charles Bachman	5	3	0	85	42
1927	Jim Douglas	Charles Bachman	3	5	0	101	146
1928	M. B. Pearson	A. N. "Bo" McMillin	3	5	0	94	94
1929	A. H. Freeman	A. N. "Bo" McMillin	3	5	0	55	102
1930	Alex Negro	A. N. "Bo" McMillin	5	3	0	91	66
1931	Helen Cronkite	A. N. "Bo" McMillin	8	2	0	164	39
1932	Walter Zerkner	A. N. "Bo" McMillin	5	4	0	160	74
1933	Ralph Graham	A. N. "Bo" McMillin	6	2	1	105	29
1934	George Maddox	Lynn Waldorf	7	2	1	149	81
			159	112	26	3919	2740

'Green Pastures' Delights Crowd

The New York cast of Marc Connelly's "Green Pastures" presented this Pulitzer prize winning drama in the college auditorium last Thursday before a packed auditorium. Brought here by the Manhattan Concert management, it was such a decided success financially and artistically that the organization will bring to the city in the spring some other art group or person.

Test New Cement

George Wiley, graduate of the department of mechanical engineering in 1933, now connected with the Nebraska Cement company, is conducting tests to determine the economy of a special brand of cement his company has developed. The engineering department was asked to cooperate in this experiment in order that it may be official.

Dean Returns from Washington

Prof. George A. Dean has returned from Washington, D. C., where he attended several federal conferences this month. The meetings were called by Dr. Lee A. Strong, chief of the bureau of entomology and plant quarantine, to analyze and consider the status of several important plant pests such as the Gypsy moth, Japanese beetle, white pine blister rust, and Dutch elm disease.

Officers from Five Countries

Five officers of the Cosmopolitan club are from foreign countries. Paul Nomura of Honolulu, Hawaii, is president. Other officers elected for this year are Marguerite Sloop, vice-president, and Sarah Lister, secretary, both Kansans; S. M. Ahi, Persia, treasurer; S. P. Das, India, corresponding chairman; Lloyd McDaniel, Kansas, marshal, and Dr. F. R. Taberner, business manager.

Vacation Begins Thursday Night

Holiday vacation for the 2,734 students of Kansas State college begins Thursday night, December 20, at 6 o'clock, and ends Thursday night, January 3, at 6 o'clock.

Attempt to Adjust Use of Land

An attempt to determine the extent and type of adjustment desirable in the use of rural land is being made throughout the United States, according to Harold Howe of the department of agricultural economics of

Kansas State college. In Kansas, as in other states, the work is being directed by the land policy section of the AAA planning division. The state planning board assists whenever possible.

Health Department Active

The depression has not reduced the patronage of the health service at the college to any great extent, according to a report issued by Dr. C. M. Siever, director of the service since its beginning in 1916. The department had 20,105 calls during the school year of 1933-34, according to the report. The purpose of the department is to promote the good health of the students.

Curtis a Research Man

Norman Curtis, '29, is a research assistant in agronomy at the New Jersey agricultural experiment station in New Brunswick, N. J. Mr. Curtis teaches one or two laboratory classes in field crops at Rutgers university during the fall term. He will complete work for a Ph. D. degree from that university this year.

Grads Find Jobs

M. H. Davison, '33, Clair Howard, '33, and R. W. Spears, '34, visited the civil engineering department Monday. Davison is now in the Topeka office of the water conservation project; Howard is in the quartermaster's department, Fort Riley; Spears is also in the state water conservation work, on the lake project in Wellington.

Television Reception Good

W9XAK, the visual broadcasting station of Kansas State college, has received some fine reports of reception recently. The station has asked for reports on its television signals every time the station has been on the air. Reports from Toronto, Canada, Pennsylvania, and many other distant points have been received.

Deans to Emporia Meeting

Deans R. W. Babcock, M. A. Durland, and C. M. Correll attended the annual meeting of the Kansas association of college deans held at the College of Emporia Saturday, December 8. Dean Babcock took part in the program of the round table discussion by introducing the topic, "Evaluation of Post Graduate Courses from High Schools."

RECENT HAPPENINGS ON THE HILL

Twenty new members were initiated into Sigma Tau, honorary engineering fraternity, recently.

Candidates for honorary cadet colonel and three honorary cadet majors of the R. O. T. C. have been chosen. The winners will be announced at the military ball January 12.

A cutting of the story, "Awful Heavy," was read by Prof. H. Miles Heberer, of the department of public speaking, at the high school assembly Thursday afternoon last week.

Three new members initiated into Orchestis, women's national dancing sorority, are: Gloria Bingesser, Wacanda Springs; Gladys Westerman, Hutchinson; and Mary Lois Rynders, Wichita.

The junior piano department of the college has been presenting a series of Christmas recitals at Hamilton hall in Nichols gymnasium. Miss Marion Pelton has had charge of the programs.

Hand-blocked table runners and squares from Bagdad, also Japanese prints, pictures of native scenes, flowers, birds, and people, have been on exhibition in one of the art department rooms in Anderson hall.

Fourteen men were initiated into Mortar and Ball, advanced R. O. T. C. honorary organization for students in artillery, at the Theta Xi house Monday night, December 10. Captain L. R. Crews was initiated as an honorary member.

John Latta, an assistant in the department of agronomy, discussed chemical tests of deficient soils and data showing that field experiments have checked fairly well with laboratory findings, in a talk December 10, before the general agronomy seminar.

Honors to the junior women outstanding in academic accomplishment in the division of general science go to Betty Sesler, Wamego. She was presented to Phi Mu Epsilon, woman's academic fraternity, last week, by the president, Helen Vickburg.

F. E. Charles and R. I. Thackrey, both of the journalism faculty, and Dr. Howard T. Hill, head of the department of public speaking, attended the meeting of the sixth district of the American College Publicity association in Kansas City, Mo., last week. Each had a part in the programs.

The architecture departments of 20 colleges and universities are represented by contributions to the exhibit of design and structure now in one of the rooms of the department of architecture at Kansas State college. The exhibit will be shown at all institutions represented sometime during the winter.

Louis Evans, Washington, reported on the experiences of the grain judging team in Chicago, and Frank Parsons, Manhattan, reported on the meetings of the student section of the American Society of Agronomy, also in Chicago, at a recent meeting of Klad and Kernel club, honorary organization for agronomy students.

A three-act play, "Tenting Tonight," written and produced in Manhattan by H. Miles Heberer, of the public speaking department, is to be produced in California soon. The Workshop theater, which will present the play, is the largest one of the so-called little theaters in America and it is considered by playwrights an outstanding honor to have a play selected by it for trial.

Hagadorn to Salina

L. T. Hagadorn, '32, who has been working in the city engineer's office, went to Salina, Kan., December 1, where he is employed with the Wilson Engineering company.

Morrison with Armour

Rex Morrison, '34, is now working for Armour and company. He is one of four traveling engineers who go from town to town inspecting and supervising repairs of Armour and company's plants.

WILDCATS WIN EXHIBITION GAME FROM JAYHAWKERS

TEST BASKETBALL CONTEST TO KANSAS STATE 39 TO 35

Rivals Are Tied 33 to 33, at End of Regular Time—Goals Count 3 Points and Baskets Are Raised

Goals by Stoner and Groves, in an extra 5-minute period, gave Kansas State college a 39 to 35 decision over the University of Kansas at Lawrence Friday night in a basketball game played under rules embodying drastic changes. The Wildcats had tied the score, 33 to 33, a few seconds before the regular playing time was up. It was the first of two non-conference exhibition games with Kansas. Another game was to be played last night.

Field goals were valued 3 points, the baskets were raised to 12 feet and were moved in four feet toward the center of the court. Free throws were from the half of the court in which the foul occurred, and all "held" balls were tossed up in one of three circles located in the center and at either end of the court.

SPEEDS UP PLAY

The changes had a tendency to speed up the play. The defensive team, with less territory to guard, was able to force the offensive team to pass the ball.

Kansas went into an early lead but Kansas State, led by Groves, a tall center, and Thornbrough, a slender forward with a good eye, soon overtook the Jayhawkers. The half ended with Kansas State leading, 16 to 11.

VERTICAL PERIOD NECESSARY

Thornbrough and Groves continued to hit the basket as the second half started, and pushed Kansas State into a 26 to 15 advantage. Then Ray Ebling, scoring champion of the Big Six last year, got into action and, aided by Kappelman and Oyler, sent Kansas State, with three minutes to play. A free throw tied the score, then Ebling and Railsback both scored to bring the count to 33 to 33 as the regular playing time ended.

In the overtime period Stoner and Groves scored field goals and the best Kansas could do was a pair of free throws. The summary:

Kansas State—39.				
	G	FT	F	
Thornbrough, f.	4	0	2	
Ayers, f.	0	0	1	
Tellejohn, f.	1	0	0	
Armstrong, f.	0	0	0	
Groves, c.	3	2	3	
Freeland, c.	0	1	1	
Railsback, g.	2	1	2	
Stoner, g.	0	1	2	
Gilpin, g.	0	0	1	
A. Mills, g.	0	0	1	
Marshall, g.	0	0	1	
Totals.....	11	6	14	

Kansas—35.				
	G	FT	F	
Ebling, f.	4	3	0	
Allen, f.	0	0	2	
Shaffer, f.	0	0	0	
Oyler, f.	1	0	1	
Wells, c.	1	1	3	
Kappelman, g.	3	2	0	
Rogers, g.	0	1	1	
Noble, g.	0	1	1	
Lutton, g.	0	0	0	
Holmer, g.	0	0	0	
Totals.....	9	8	8	

Officials—E. C. Quigley, St. Mary's; Ed Halpin, Kansas.

GOLF AND BASEBALL ARE NOW RECOGNIZED BY THE BIG SIX

Baseball Restored and Golf Admitted as Intercollegiate Sport

Golf was recognized as an intercollegiate sport and baseball was restored to that standing at a meeting of the Big Six coaches and officials held recently in Kansas City. M. F. Ahern, athletic director, will be coach of the Kansas State team again this year. Baseball has been an intercollegiate sport here for some time, but for the past several years it has not been recognized as such by the Big Six.

Four men will make up a team in golf. There will be both individual and team awards for 36 holes of medal play. The Big Six golf tournament will be played at Lincoln, Nebr., May 17-18, at the time the annual outdoor track and field meet and the tennis tournament are held.

ALL KANSAS STATE COURT GAMES AGAINST BIG SIX FOES

Wildcats Play Extra Games with Kansas, Oklahoma, and Missouri

None but Big Six teams are on the 1934-35 schedule of the Kansas State college basketball team which, with only two letter men left from last season, must build a new combination with sophomores.

Under the new plan of Big Six com-

petition under which four games can be played by any two conference teams, with all counting, Kansas State has acquired a difficult schedule. The three teams with which the Wildcats play extra games are Kansas, Oklahoma, and Missouri, usually the strongest in the league, while Iowa State and Nebraska, which have been weaker of late years, are on the schedule only twice.

Kansas State meets Kansas university in six games this year, but the first two are non-conference.

The schedule:

Jan. 4-5—Oklahoma U. at Norman, Okla.
Jan. 11—Kansas U. at Lawrence.
Jan. 14—Iowa State at Manhattan.
Jan. 21—Nebraska U. at Lawrence.
Jan. 26—Kansas U. at Manhattan.
Feb. 1-2—Missouri U. at Manhattan.
Feb. 8-9—Missouri U. at Columbia, Mo.
Feb. 15-16—Oklahoma U. at Manhattan.
Feb. 22-23—Kansas U. at Manhattan.
Mar. 2—Nebraska U. at Lincoln, Nebr.
Mar. 4—Iowa State at Ames, Iowa.

VARSITY LETTERS TO 30 KANSAS STATE ATHLETES

Gold Footballs to 24 and Gold Track Shoes to Six of Big Six Championship Teams

Gold footballs to Kansas State's gridiron champions of the Big Six, and gold track shoes to the championship two-mile team were voted by the Kansas State college athletic council at a recent meeting. The board approved granting of 24 football letters and 6 track letters.

Football team members also will receive purple K blankets as gifts of the community. Announcement of the awards was made at the football victory banquet December 11.

Sixteen of those winning football awards will be back next season and a seventeenth, Henry Kirk, has another year of eligibility but expects to be graduated next spring.

Football letter men are:

Seniors—Dick Armstrong, Riley; James Freeland, Trenton, Mo.; Henry Kirk, Scott City; Captain George Maddox, Greenville, Tex.; Leland Shaffer, Dodge City; Oren Stoner, Sabetha; Eugene Sundgren, Falun; Lloyd Sconce, Halstead.

Juniors—Ralph Churchill, Junction City; Don Plenthorpe, Wamego; Dean Griffing, Council Grove; Dan Partner, Eldorado; Jim Edwards, Phillipsburg. Sophomores—Leo Ayers, Pasadena, Calif.; Don Beeler, Mankato; Oran Burns, Topeka; Augustus Cardarelli, Republic, Pa.; Maurice Elder, Manhattan; Paul Fanning, Melvern; Barney Hays, Kansas City; Rolla Holland, Iola; Robert Kirk, Scott City; Ted Warren, Delphos; Ivan Wassberg, Topeka.

Two-mile letter men—Justus O'Reilly, Girard; George McColl, Emporia; Ray Messick, Oakley; Bill Wheeler, Pleasanton; Charles Robinson, Manhattan; Harold Redfield, Bucklin. The first three are seniors.

Other varsity football squad members who were guests at the victory banquet included:

Lyman Abbott, George Dileo, Fred Fair, Richard Fowler, Dale Garvey, Gilbert Guthrie, Bill Hemphill, Ernest Jessup, Chet H. Johnson, William C. Jones, Edwin Lamb, Jim Lander, Aaron J. Lane, Delmar Lang, William McDanel, Paul Nelson, Vincent Peters, George Rankin, Charles Skinner, Floyd Tannahill, Riley Wheatley, Harley Witt, and Joseph Zitnik.

A picked group from the freshman football squad attended the banquet as guests. They were:

Gerald Abbey, Andrew Anderson, Lawrence Bausch, John Crawley, Howard Cleveland, Kenneth Conwell, Allen C. Dean, J. R. Dukelow, J. S. Dukelow, Robert Douglass, Joe Eckert, Ray Ellis, Jack K. Fleming, John Harrison, Frank Hund, June Hardman, Carl Heaton, Orval Jacoby, Mac Jensen, A. F. Krueger, Emil Kientz, Ed Klimek, Edward Lindsay, Gerald McCorkle, Bill McCurry, J. E. Maget, Clayton Matney, Donald Mossman, Duane Murphy, Howard Myers, Lester Polom, Bill Paul, Marian Romage, George Roots, W. H. Rankin, Donald Reid, Junior Speer, Woodrow Shaw, J. A. Stephens, Bert Thompson, John Tonkin, Edwin White, William Wright, John H. Young.

Scholar to Chicago Meeting

Prof. C. H. Scholer, of the applied mechanics department, was in Chicago recently to attend a meeting of the board of directors of the American Concrete Institute. Programs for the meeting next February were planned. Professor Scholer is the official representative from the sixth district. There are six districts in the United States and Alaska.

Wilma Matherly is Beauty Queen

Wilma Lee Matherly, Kansas City, Mo., was crowned queen of beauty by an artist-judge, Taylor Biggs Lewis, manager of the Muehlebach grill, at the 1935 Royal Purple beauty ball Saturday night. Miss Matherly is a sophomore in journalism and is a member of Kappa Kappa Gamma sorority. The four minor queens who were chosen were Mary Heeter, Kansas City, Kan., a member of Pi Beta Phi; Miss Joanne Stone, Caney, Delta Delta Delta; Miss Katherine Holman, Manhattan, and Miss Betty Powell, Topeka, both members of Chi Omega.

ONLY TWO LETTER MEN ON BASKETBALL SQUAD

COACH FRANK ROOT WILL SEND NEW TEAM ON FLOOR

Stoner, Freeland, Eleven Other Experienced Men and 20 Sophomores Aspirants for Team Which Opens Conference Season January 4

With only two letter men in a varsity squad of 35, Coach Frank Root will send a new Kansas State college basketball team on the floor this season, one which probably will feature several sophomore performers. Root worked with the freshman football squad as head coach but has been devoting his time to basketball since the grid season closed.

Captain Oren Stoner, Sabetha, outstanding football star and a hurdler, will be back at guard, and Jim Freeland, 6 foot 4 inch center, Trenton, Mo., are the letter men returning. Both are seniors.

Eleven squad members in addition to Stoner and Freeland have been members of previous squads, leaving more than 20 sophomores as aspirants.

Among non-letter veterans, Wayne Thornbrough, Lakin; Ralph Marshall, Kansas City, Mo.; Art Tellejohn, Kansas City, Kan.; Dick Armstrong, Riley; Kenneth Phelps, Manhattan; all have had some competition as forwards, while Paul Gilpin, Topeka, and Arnold Mills, Russell, have been in some games at guard.

Among outstanding sophomore prospects are Frank Groves, Atchison, a center who shades Freeland in height and has played a good deal of basketball, and Lee Railsback, Langdon, who also had some high class amateur competition in the interval between high school and college. Several other sophomores also will give veterans the keenest kind of competition.

The squad roster:

Forwards—Wayne Thornbrough, Lakin; Art Tellejohn, Kansas City, Kan.; Frank Cooley, Goff; Howard Scanlan, Abilene; Maurice Schooley, Morganville; Eric Matchette, Max Springer, Kenneth Phelps, Manhattan; Leland Harvey, Council Grove; Charles Bateman, Emporia; L. S. Dougherty, Dodge City; Dick Armstrong, Riley; Leo Ayers, Pasadena, Calif.; Ted Warren, Delphos; Ralph Marshall, Kansas City, Mo.; Henry Kirk, Scott City; G. C. Rankin, Gardner; Myron Rooks, Kansas City, Mo.

Centers—Jim Freeland, Trenton, Mo.; Frank Groves, Atchison; C. H. Denchfield, Piedmont; M. T. Hollis, Manhattan; Oran Burns, Topeka; Bill Johnson, Wichita.

Guards—Captain Oren Stoner, Sabetha; Paul Gilpin, Topeka; Lee Railsback, Langdon; Leonard Aubuchon, Emporia; Robert Flick, Manhattan; Lawrence Allison, Newton; Arnold Mills, Russell; Maurice Elder, Manhattan; George Dileo, Republic, Pa.; Bob Kirk, Scott City; Chester Johnson, Garrison.

Sayre on Contemporary Music

Prof. Edwin Sayre, of the department of music, lectured on "Recent Trends in Music" Monday afternoon in the auditorium. He traced the development of modern music and illustrated his points by having Mrs. Sayre play bits on the piano and by using the victrola. He had given the same lecture December 4 in general science faculty meeting.

Enchiladas Initiates

Twenty-three new members were initiated recently into Enchiladas.

PROGRESS OF KANSAS PRESS

F. E. C.

The Randolph Enterprise celebrated its fifty-second birthday anniversary recently. Eldon C. Newby, editor, has been giving Randolph a good newspaper for the last 25 of those years.

The first issue of the Cawker City News with John Peach as editor and owner was mailed in December to residents of Cawker City and trade territory. The News will be the successor of the Wacanda Chief that has been edited for nearly two years by Harold Dwyer.

C. E. Craig and M. A. Bradley, owners and publishers of the Pleasanton Observer-Enterprise, gave people living in Linn county a November bargain special on their paper. Anyone subscribing to the paper during November could get a year's subscription for \$1 instead of the regular \$1.50. While this offer was in effect 142 people renewed their subscriptions and 22 subscribed to the paper for the first time.

Borrowing the "little legislature"

honorary dancing society for sorority women. Those initiated included Ivernina Danielson, Oda Mae Tracy, and Kathryn Black, Council Grove; Dorothy Teichgraber, Marquette; Sarah Garrison, Parsons; Keeta Strong, Hoisington; Ray Womer, Topeka; Mary Porter, Mt. Hope; Margaret Wyant, Topeka; Ruthana Jones, Garden City; Monita Harris, Parsons; Janet Murdock, Wichita; Donald Keeney, Lucas; Donna Johnson, Cleburne; Alice Barrier, Topeka; Dorothy Sewell, Coweta, Okla.; Eleanor Wilkinson, Humboldt; Pauline Crawford, Luray; Mary Niessadt, Willmette, Ill.; Mabel Brasche, Voland; Hazel Lovingood, Maryville, Tenn.; Miriam Rogers, Cedar Rapids, and Charlotte Penny, Manhattan. Enchiladas disbanded last year but has been reorganized this fall, with Peggy Parker as president.

LIFE MEMBERSHIP COMES FROM ALUMNUS IN RUSSIA

L. G. Wieneke, '30, Writes of Climate and Industry in the U. S. S. R.

The alumni loan fund, made up of payments for life memberships, gifts, bequests, and trust funds, was recently increased \$50 by L. G. Wieneke. A graduate of Kansas State college in 1930 in chemical engineering, Wieneke now is manager of a kerosene refinery at Batoum, U. S. S. R., for the Standard Vacuum Oil company.

Wieneke writes: "Enclosed is check for the sum of \$50 to pay my life membership in the alumni association."

"In reply to your letter, unanswered these many months, requesting information concerning life here, I have this comment to make:

"It is customary for most people in the United States to think of Russia, the Union of Socialistic Soviet Republics as it is called today, as having a cold climate. That is true of the northern parts of the country but Batoum, on the southeast side of the Black sea in the Georgian province, has a very mild climate—in fact, semi-tropical. We receive from 125 to 150 days of rain each year and little if any snow.

"U. S. S. R. today is a contrast of the old and the new. Great progress is being made in modernization, particularly in the industries. Most of the equipment in the industries is modern. The first equipment was imported, but now Russians are manufacturing most of it in their own factories and hope soon to be able to manufacture all they need and some for export. The possibilities for industrial development here are great because of the abundant natural resources of the country.

"In a few days my first year in Batoum will be completed and I expect to be here two more years. The time has passed quickly and my job has been interesting, but I can well imagine being glad to see the Statue of Liberty again by the time 1936 rolls around.

"If any alumnus or student of Kansas State college is contemplating a trip to U. S. S. R., I extend to them a hearty invitation to pay me a visit in Batoum."

ELEVATOR MEN PROFIT BY MARKETING PROGRAM

MANY POINT TO VALUE OF COLLEGE RESEARCH TO PRODUCER

Cooperative Operator Says Survey Gives Him Definite Idea of Where He Stands in Business—Wants Work Continued

Kansas cooperative elevator men are making splendid use of research work done by Kansas State college in the management of cooperative elevators and the marketing of farm grains, the annual report of Vance M. Rucker, extension economist in marketing, reveals.

Many statements from cooperative terminals and local elevator operators give an indication of the value to the producer of the program conducted by the college.

D. D. Penner, manager of the Luddell Equity elevator, says the principal benefit to him was the report on the survey itself. "It gave us a more definite idea of just where we stood as a business, showed us where changes might be advantageous in our financial structure, and showed how we stood in relation to our stockholder-patrons and other patrons."

WANTS WORK CONTINUED

"We would be interested in having this work continued so that we could try out more of the suggestions and ideas under more favorable conditions," Mr. Penner wrote in a letter to R. W. Stumbo, county agent at Atwood. Many similar letters have been received.

The summary of the work done by the college extension economists shows an increase in the number of farmer-cooperatives and in the per cent of farm products handled through them. The number of growers studying fundamental conditions of markets is steadily increasing. Timely information on management problems and general business conditions is being furnished managers of cooperative elevators throughout the state. Assistance in cooperative marketing organization and management was given on request to 58 counties.

MANY COUNTY-WIDE SURVEYS

Surveys and analyses of local cooperative organizations were made in 141 local units, reaching 60 counties, and 1,459 project leaders were reached with information on principles of cooperation. County-wide surveys were made in 16 counties.

In the past four years approximately 45 per cent of the cooperative elevators in the state have been surveyed and analyzed. Considerable progress is being made to buy and sell grain on a quality and grade basis.

Long time goals include a thorough understanding by the producer of possibilities and limitations of cooperative marketing, complete knowledge by producers of various local, regional, and national organizations which will affect him, carrying the program of cooperative marketing methods and procedure to 4-H club members, and making quality selling more effective. The outlook for 1935 is bright.

NEBRASKA, O. U., TULSA PLACE THREE EACH ON ALL-OPPONENT

Selections from Teams Which Faced Wildcats This Season

Football players of Nebraska university, Oklahoma university, and Tulsa university rated the most places on the first "all-opponent" selection made by members of the Kansas State college football team.

Selections were made entirely from the ranks of men who faced the Wildcats in competition this year, and only a first team was announced. Twelve men were named, as there was a tie for one tackle position.

The all-opponent team: Ends—Bernard Scherer, Nebraska, and Jack Harris, Oklahoma. Tackles—Milo Clawson, Kansas, and a tie between Dub Wheeler, Oklahoma, and Russell Thompson, Nebraska, for the other berth. Guards—James Stacy, Oklahoma, and Ike Hayes, Iowa State. Center—Rudy Prochaska, Tulsa. Quarterback—Henry Bauer, Nebraska. Halfbacks—"Skeets" Berry, Tulsa, and Ray Buivid, Marquette. Fullback—"Tack" Dennis, Tulsa.

Carl Howard Speaks Here

"Homestead Rehabilitation Work" was the subject of an address given by Carl Howard, Topeka, at the Agricultural Economics club meeting in Waters hall Tuesday, December 11. Howard is supervisor of homestead rehabilitation work.

THE KANSAS INDUSTRIALIST

Volume 61

Kansas State College of Agriculture and Applied Science, Manhattan, Wednesday, January 9, 1935

Number 14

COLLEGE EXTENDS THREE TYPES SERVICE TO STATE

RESIDENT INSTRUCTION, RESEARCH
AND EXTENSION FOR ALL KANSAS

Research and Experimental Work Has
Repaid Many Hundredfold Its Cost,
President Farrell Asserts—Stu-
dents from 100 Counties

Kansas State college renders three major types of service. These are: instruction of resident students; research and experimental work in agriculture, engineering, home economics, veterinary medicine, and the sciences; and the conduct of extension work. Approximately half of the annual expenditure is devoted to instruction of resident students, the remainder to the important fields of research and extension, President F. D. Farrell asserted in a recent public statement.

The institution serves the entire state in all three major types of service.

For many years the college has had regular students from not fewer than 100 Kansas counties. Many students come from within a radius of 50 miles. But many register from more distant points. Last year, for example, the enrolment of students from counties adjacent to Riley county were: Wabaunsee, 33; Washington, 38; Marshall, 44; Clay, 45; Geary, 50; Pottawatomie, 55; while during the same year larger numbers of students came from several more remote counties including Reno, 59; Wyandotte, 62; Sedgwick, 65; Dickinson, 98; Shawnee, 101.

RESEARCH AT MANY STATIONS

Research and experimental work is carried on at experiment stations at Manhattan, Colby, Hays, Garden City, and Tribune; at experiment fields in Cherokee, Allen, Sedgwick, Kingman, Atchison, Doniphan, Jefferson, and Leavenworth counties; at a veterinary field station in Chautauqua county; and on farms in cooperation with the farm owners in 87 counties.

Research and experimental work conducted by Kansas State college in attempting to find solutions to numerous practical problems affecting agriculture, the industries, and the rural homes of the state has resulted in improvements which have repaid the experimental cost "many hundredfold," President F. D. Farrell asserted in a recent public statement.

Already this work has produced results of almost incalculable value to Kansas. The development of Kanota oats, Atlas sorgo, improved animal feeding methods, improved marketing procedures, increased control of diseases and pests, improved efficiency in the use of road materials, increased understanding of fuels and lubricating oils, increased knowledge of the physical and economic problems involved in the storage of grain, and various other improvements have repaid many hundredfold the cost of the research and experimental work involved, the president pointed out.

DEVELOPMENT WORTH MILLIONS

Doctor Farrell cited a careful estimate made on the value of the development of Kanota oats by the college between the years 1919 and 1930, inclusive. Figures were based on the increase in yield of Kanota over Red Texas oats, as determined by experimental tests.

The estimated yield increase in the 1919-1930 period due to development of Kanota was 56,915,650 bushels for the state as a whole, an estimated increase in value of \$24,291,611. In 1930 alone a total of \$3,008,952 was added to the value of crops produced in the state by the research development of Kanota oats.

It was estimated by another source that the increase in the state's income during the years 1919-30 because of this one development would be sufficient to pay for all Kansas agricultural research, on its present scale, for a period of 100 years.

Extension work is carried on in every county in the state. It is on a regular organized basis in 95 counties. A county agricultural agent is located in each of these 95 counties and in 26 there are also county home

demonstration agents. The principal objective is to carry to every community in the state the results obtained in the research and experimental work so as to enable farmers and their families to improve their economic conditions and their home life.

During the past two years extension work has involved many features of the national recovery programs. In this connection the extension service aided in the planning and production of more than 11,000 gardens for unemployed persons in 55 counties. It also instructed more than 9,000 families in the home preparation of more than 3,000,000 pounds of meat and it instructed more than 25,000 persons in altering, renovating, and repairing clothing. The extension service also has been helpful in the past two years in carrying to the farm people of the state necessary information about national recovery programs.

H. W. CAVE BECOMES ACTING HEAD OF DAIRY HUSBANDRY

Succeeds J. B. Fitch Who Becomes Head
of Dairy Department at Minnesota
February 1

Prof. H. W. Cave, for 18 years a member of the staff of the department of dairy husbandry, became acting head of that department January 1, succeeding Prof. J. B. Fitch who resigned recently to accept a similar position at the University of Minnesota.

Following graduation from Iowa State college, where he received a B. S. degree in 1914, Mr. Cave attended Kansas State college. He received a master's degree here in 1916 and for several months was employed by a dairy company near Kansas City. From there he went to the University of West Virginia at Morgantown as dairy extension man.

Mr. Cave returned to Kansas State college in September, 1918, and has since been connected with the staff of the dairy department. During a year's leave of absence, 1930-31, Mr. Cave completed most of the work toward a doctor's degree at the University of Wisconsin.

Mr. Fitch is completing some work here this month and will not report at the University of Minnesota until February 1.

STRICKLAND ON LEAVE TO STUDY EDUCATION METHODS

Will Spend Several Months Visiting
Other Institutions

Dr. V. L. Strickland, professor in the department of education, will be on leave of absence from February 1 to June 1 to study methods and policies of departments of education in southern and eastern colleges and in public schools. Mrs. Strickland will accompany him.

They will go south through Oklahoma and Texas, east to Florida and Alabama, up the eastern coast to New England, then back through the northern part of the United States.

Changes in teacher training work will be noted by Doctor Strickland, also the adjustments which are being made for changing conditions. Two weeks will be spent at Columbia university in New York City and at Chicago university. Shorter visits will be made at many other institutions.

Ward to Federal Post

W. G. Ward, extension architect in charge of rural engineering, has been given a leave of absence for six months to serve on the federal housing committee in Washington, D. C. Professor Ward is one of many Kansas State college staff members who have been called upon to aid the government in its various recovery efforts.

Martin to Phi Mu Alpha Meeting

Asst. Prof. Max Martin of the music department attended the national convention of Phi Mu Alpha, national music fraternity for men, at Milwaukee, Wis., during Christmas vacation. He was a delegate from the local chapter.

1935 KANSAS MAGAZINE RICH IN STATE HISTORY

WORK OF BEST KNOWN AND BEST
YOUNG WRITERS FEATURED

Editor Russell Thackrey Plans Publication of New Issue This Month—
Believes It Will Equal Those
of 1933 and 1934

Stories, articles, and verse by some of Kansas' best known writers and best young writers will feature the 1935 Kansas Magazine, which will be issued by the Kansas State College Press on or near Kansas day, January 29. Forms for reservations of copies will be sent soon to faculty members and students. The issue will, as usual, be limited to 1,000 copies.

Full page illustrations of work by Kansas artists again will be included. Among the full page reproductions will be one of a wood block of the famous "Council Oak" at Council Grove, done by Miss Margaret Whittemore of Topeka.

W. A. WHITE A CONTRIBUTOR

William Allen White is contributing an article on Captain Henry King, first editor of the old Kansas Magazine of the 1870's, and one of Captain King's best known stories will be reprinted. The story, "A Kansas Pilgrim," won a prize of \$250 offered by the Kansas City Times—an award said at the time to be the "greatest ever offered for a short story."

John Gilchrist, Kinsley, German exchange scholar from the University of Kansas who is now studying at the University of Hamburg, describes his trip to Germany, "tourist class." Miss Marion Ellet of Concordia is contributing an article in the vein of her well known "Mugwump" column. A Kansas farm woman will describe last summer's drought. Rolland Jacquart, editor of the Sublette Monitor and well known as a writer of short stories and articles, has contributed a story, "Return."

WRITES OF COLORFUL FIGURE

John P. Harris, editor of the Hutchinson News, writes of Isaac S. Galloch, one of the most colorful figures of Kansas pioneer days. E. E. Kelley of "Kansas Grass Roots" fame, is sending another of his inimitable, reminiscent "pieces."

These and many other features will make the 1935 magazine "equal to those of 1933 and 1934," in the opinion of R. I. Thackrey, editor.

GOVERNOR WILL ATTEND LEGISLATIVE ASSEMBLY

Landon To Participate in Novel Student Forensic Meet and Will
Speak at Banquet

Governor Alf M. Landon will be present for at least one session of the Students' Legislative assembly to be held here on the Kansas State campus January 18 and 19, and he will be the guest of honor and principal speaker at a banquet for the delegates on Friday night, according to Dr. H. B. Summers, debate coach.

The governor will be introduced to the banquet crowd by Hal Harlan, former speaker of the Kansas house of representatives. Several other state officials have been invited.

The assembly is a novel form of forensic meet, being modeled closely after the state legislature now in session in Topeka. Nearly 100 debaters from Kansas colleges and universities are expected to participate in this meeting sponsored by the local chapter of Pi Kappa Delta, honorary national forensic fraternity.

Because Governor Landon has not yet indicated the subjects to be presented in his message to the assembly, officers of the sponsoring organization have suggested five topics for debate. Committees will be appointed to consider bills or resolutions introduced on each subject.

Revision of the state tax system is one of the subjects which will come in for the most discussion. It will be attacked from the angles of adoption of a sales tax, increase in the rates on the state income tax, abolishing the state general property tax,

and broadening the base of the property tax.

State support of education as recommended by the State Teachers' association and approved by the "little legislature" is also expected to draw considerable argument. Old age pensions is another topic and one which will get a thorough "going over" in the legislative session in Topeka this month.

Civil service for all appointive state officers similar to the plan recommended by Governor Marland of Oklahoma, and legislation fixing definitely the maximum legal content of beer are also subjects on which bills will be formed. The delegates will decide the issues by a vote which will be taken at the last session.

STUDENTS VOTE INCREASE IN SEMESTER ACTIVITY FEE

Raised from \$5 to \$7.50—Publications
and Many Activities Will
Benefit

Surprising even proponents of the measure, Kansas State college students have decided by the largest vote ever cast to increase their semester activity fee from \$5 to \$7.50, beginning in the fall of 1935.

More than 93 per cent of the students voting favored the activity fee increase and a second Student Governing association amendment which would liberalize uses to which the activity fee might be put. The amendments needed only 55 per cent of the eligible voters or 1,444 votes to carry. Actually 71.5 per cent or 1,887 of the eligible students came to the polls and voted favorably. Only 125 students voted against the two amendments.

Engineering open house, home economics hospitality week, the Manhattan theatre, the Kansas State Collegian, and the yearbook are expected to be among the principal projects to benefit from the increased fee. Joe Knappenberger, president of the student body, said he believed the amendments carried because of the ultimate economies promised under the new arrangement. According to plans, every student who pays the activity fee will receive both the student newspaper and the yearbook.

SEVEN COEDS NOMINATED AS HONOR MILITARY OFFICERS

Four To Be Chosen for Annual R. O. T.
C. Ball Saturday Night

The crowning event of the military ball January 12 will be the announcement of the honorary cadet colonel and the three honorary cadet majors. Seven candidates were nominated by the advanced military students from the upperclass women and were voted on by all men students taking R. O. T. C.

The nominees are Donna Johnson, Cleburne, Chi Omega; Gladys Niles, Liberal, Delta Delta Delta; Virginia Dole, Salina, Kappa Kappa Gamma; Lucille Johtz, Abilene, Alpha Delta Pi; Pauline Crawford, Luray, Alpha Xi Delta; Betty Powell, Topeka, Chi Omega; and Ivernina Danielson, Manhattan, Alpha Delta Pi.

Albert A. Thornbrough, cadet colonel, has appointed Dean Swift head of tickets and finance, Joe McNay head of the committee on grand march and procedure, W. E. Combs chairman of the committee on decorations, and Howard Moreen head of the committee on invitations. Invitations have been extended to Governor Alf Landon, Assistant Secretary of War Harry Woodring, and General Lott, commandant of the Fort Riley post.

Breeden Discusses Powys

John Cooper Powys' "Wolf Solent" was discussed by A. W. Breeden, associate professor of English, last night in the next to the last lecture of this season's departmental lectures on the literature of 1921 to 1930. Mr. Breeden spoke briefly of nine other books published in 1929. Prof. N. W. Rocky and Mrs. Harriet Parker will bring the series to a conclusion next Tuesday night in the Calvin hall lecture room with their discussions of books of 1930.

PAPER BY ROGER C. SMITH IN SMITHSONIAN REPORT

FIRST TIME IN 14 YEARS A REPRINT
HAS BEEN INCLUDED

"The Influence of Civilization on the Insect Fauna in Cultivated Areas," Is
Entomologists Contribution to
Scientific Publication

A contribution on the influence of civilization on the insect fauna in cultivated areas, by Dr. Roger C. Smith of the college entomology department, will be included in the general appendix to the Smithsonian report for 1934, according to a letter received by Doctor Smith in December.

The contribution will be reprinted from the September, 1933, Annals of the Entomological Society of America. This is the first time in the past 14 years at least that the general appendix to the Smithsonian report has included any reprints.

A portion of Doctor Smith's contribution follows:

Nothing remains stationary or unchanged in the march called progress. Man has taken literally the task of transforming the face of the earth. As a result plant and animal life have been as strikingly affected as the fields and plains. The transformation has been a replacement of a sod containing many species of plants by a more or less pure culture of one plant. Some insects are less plentiful because of these agricultural activities and some species of insects have increased in numbers.

THRIVE ON CULTIVATED CROPS

In the days of the old prairie, many species of insects subsisted on the perennial grasses, but the food supply was not abundant enough to permit the great increase of any one species. Under farming conditions there is no longer a great number of species generally intermixed, but a few species, sometimes in large numbers, in the almost pure stand of some crop.

The chinch bug, a native feeder on wild grasses of the great plains, did not become plentiful until acres of corn, oats, wheat, and grain sorghums were provided by modern agriculture. The Hessian fly bred on some ancestor of modern wheat or on other wild grasses, including wild rye, before civilization provided acres of wheat for it to feed upon.

Thirty-seven out of 73 of our most injurious pests have been imported from other countries. More recent introductions include the Japanese beetle, European corn borer, pink boll worm, oriental fruit moth, European elm scale, and the lesser corn stalk borer.

INSECTS FOLLOW FOOD CROPS

Introduction of new crops in North America has resulted in the pests of the crop following closely. The semitropical crop of cotton, fed upon by the Mexican cotton-boll weevil, is now attacked by this insect over nearly the whole of the cotton belt, even in the temperate region. Citrus pests followed the introduction and extensive development of citrus fruits in Florida, Texas, and California.

Some insects accomplish useful services to mankind and are, therefore, introduced, propagated, and encouraged by man. More than 50 parasites, including both native and introduced, now attack the oriental fruit moth and offer the chief hope of control.

Insects do not have complete freedom in their spread. Man destroys them by barrages of poison gas, with poisoned food and with mechanical devices which trap them, crush them, or keep them out of the most attractive places. He burns them, scalds them, freezes them, starves them, or drowns them. Furthermore, he gives aid and comfort to their other enemies, such as their parasites, predators, and diseases.

Gibsons to Mexico

W. E. Gibson, engineer of tests for the state highway department in the laboratory on the campus, and Mrs. Gibson, spent a two weeks' vacation in Mexico during the holidays.

The KANSAS INDUSTRIALIST

Established April 24, 1875

F. D. FARRELL, PRESIDENT.....Editor-in-Chief
F. E. CHARLES.....Managing Editor
R. I. THACKERY, H. P. HOSTETTER,
RALPH LANBROOK.....Assoc. Editors
KENNETH L. FORD.....ALUMNI EDITOR

Published weekly during the college year by the Kansas State College of Agriculture and Applied Science, Manhattan, Kansas.

Except for contributions from officers of the college and members of the faculty, the articles in THE KANSAS INDUSTRIALIST are written by students in the department of industrial journalism and printing, which also does the mechanical work. Of this department Prof. C. E. Rogers is head.

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WEDNESDAY, JANUARY 9, 1935

PAYING GOOD DIVIDENDS

Within the last year the division of veterinary medicine at Kansas State college discovered the cause of and developed a vaccine against an infectious intestinal disease in cats in answer to appeals from farmers. Because of the depopulation of cats from the disease, depredations of rats and mice on farms became extensive enough to result in serious financial loss.

Many times greater than the savings to farmers through this latest discovery has been that resulting from the development of modern blackleg vaccines, the outstanding piece of research in veterinary medicine at the college. It has resulted in a saving to livestock interests greater than the total cost of the college to taxpayers since its establishment.

Individual treatment is given every year in the veterinary clinic to 12,000 to 15,000 ailing animals. They come from all parts of Kansas and from as far away as Florida and California. Each year thousands of letter inquiries from Kansas livestock owners are answered by the veterinary division, the information given often resulting in great savings to Kansas livestock interests.

The division of veterinary medicine maintains close professional relationship with the veterinary practitioners in Kansas, Dean R. R. Dykstra reports, because it believes that the highest type of service for the prevention and cure of livestock diseases can be rendered through the Kansas graduates in veterinary medicine. Early in the century the Kansas legislature, feeling that livestock owners should be protected against incompetent veterinary service, passed a law virtually limiting the practice of veterinary medicine to persons who had completed a college curriculum in veterinary medicine. At that time there were more than twice as many non-graduate veterinary practitioners in Kansas as graduates. In the years since, the ratio has reversed until now there are approximately three times as many graduates as non-graduates practicing.

The new vaccine for ailing cats, the blackleg vaccine, the veterinary division's ranking as the second largest of its kind in the country, the progress in general of veterinary medicine in Kansas all testify to service well performed.

THAT OTHER ROAD

"Years ago when I was a young man I had given valuable aid in getting certain Republicans elected to office; so I was offered as reward a choice of diplomatic posts in the Far East, Tokio being among the places on the list. But my wife didn't want to leave the United States and so I gave up the idea and instead went into the insurance business." The white haired gentleman was entertaining a group of his daughter's friends and conversation had drifted to the Orient.

"Oh, wasn't that a shame! Haven't you often regretted it?" exclaimed one of the group for whom the Far East spelled glamorous adventure, interesting contacts with cosmopolitan men and women.

"No," he answered thoughtfully. "When I once make a decision, I allow myself no regrets. You can never see the whole road anyhow. That

Tokio road, which looked so attractive, might have led to tragedies far greater than any I've encountered on the one I chose."

Wise old man! Therein undoubtedly lies the secret of his clear eyed serenity of spirit.

As the New Year dawns too many of us look back instead of forward, sighing over the things that might have been different—and fairer—if we only had taken that other road. If we'd only married the other man! If we'd only remained single! If we'd gone into that other business! Or moved to that larger city!

The key to happiness lies in looking forward with optimism, not back with regrets.

SCIENTIFIC PUBLICATIONS OF KANSAS STATE COLLEGE

"Experiments with Light upon Reproduction, Growth, and Diapause in Grouse Locusts (*Acrididae*, *Tetrignae*), by Curtis W. Sabrosky, Iva Larson and Robert K. Nabours, Kansas agricultural experiment station, technical bulletin reprinted from Transactions Kansas Academy of Science, 1933. Summary: "First—continuous extra light, either 'violet' or 'white,' influences the production in the greenhouse of an anomalous, mid-winter generation of the northern grouse locust, *Acrydium arenosum angustum* Hancock. There were no offspring from the controls. Second—the growth of nymphs exposed to the special lights was comparatively rapid. The controls, under otherwise practically the same conditions in the greenhouse, grew very slowly during the period of experimentation. The mortality of the controls was significantly greater than that of those exposed to the lights. Third—the higher temperature of the greenhouse breaks hibernation, but special light, in addition, is required to break the winter diapause normal at least for some varieties of the species. There are probably other means, not yet tested, by which the diapause might be broken."

THE CRAMMER CRAMMED

Yet another instance must be added to the many modern cases of "over-production." Lithuania produces geese, of which many were exported to Germany, but the German market has now been closed. The result is that Lithuania is faced with a goose glut, and the government is said to be considering a plan whereby every civil servant will be ordered to buy one goose for every hundred litas of his monthly salary. At that rate it is reported that an official paid at the rate of 300 pounds a year will be required to buy seven geese a month.

It may be left to experts in foreign exchanges to check the figures; the more humane will be content to grieve over the hard lot of one condemned to so many geese in so short a time. However, presumably it is better than making bonfires of geese or mending roads with them, as has been recommended for unwanted bales of cotton in U. S. A. But the goose is a good bird, and it is a shame to think of its being rammed down the throats of civil servants at such a rate that they will probably never want to look at the fowl again. And what prodigious quantities of geese will a cabinet minister have to acquire? However, perhaps our old friend poetic justice is here at work. For long enough some geese have been forcibly fed in order to meet the supposed requirements of man. In Lithuania something rather like the same process now seems to be in store for man as well as bird.—Lucio in the Manchester Guardian Weekly.

THE STUFF OF CHAMPIONS

It is very comforting to be told that action and reaction always are equal, that for every loss there is a gain, for every hardship a recompense. But the facts of life, I believe, do not support this gentle and kindly idea. There are too many injustices and rebuffs for which no compensating advantages can be found.

One fact *does* seem pretty well established: that whether a disappointment is an asset or a liability, in the long run, depends upon the capacity of the spirit to "take it," to bend and snap back without being broken. My old friend Williams Muldoon, the boxing commissioner, used to say: "A champion is a fellow who gets licked three times a week and keeps right on calling himself a champion."—Bruce Barton in Red Book.

WARM-HEARTED LIVESTOCKMEN

If farmers today were obliged to go back to the farm animals of even 200 years ago, famine would threaten the world. All honor to the wise and creative men of all ages who have chosen to give their lives to the great work of livestock breeding.

The world admires and applauds man's accomplishments in the realm of inanimate things, but has not been so ready to pay its tribute to the equally wonderful work that has been done in breeding up and improving, almost to the point of transformation, the animals of the farm.

Civilization began when the horse and the cow and the sheep were made to serve the uses of the human race.

trial journalism, was elected president of the American Association of Teachers of Journalism. Similarly during the holidays Prof. George A. Dean, head of the department of entomology, was chosen to head the Entomological Society of America.

TWENTY YEARS AGO

Ralph H. Heppie was editor of the Kansas State Collegian.

College teachers and students contributed \$910 to send 204 barrels of flour for Belgian relief. The flour was manufactured in the mill from wheat grown on the college farm. Each barrel was branded "Aggies' Best."

The annual state-wide institute, held at the college during Christmas

building—Library and Agricultural Science hall—made necessary a special edition of THE INDUSTRIALIST. More than six pages were devoted to dedicatory addresses and toasts.

FIFTY YEARS AGO

Duties and privileges of Kansas State college students in 1885:

After each monthly examination a report of standing was made to parents.

Attend classes every week-day, except Saturday. No student absent without excuse.

Chapel exercises occupied 15 minutes before the meeting of classes each morning, and unnecessary absence from them was noted in grades.

Each Friday evening a students' prayer meeting was held in the college society room, led by a member of the faculty. On the Sabbath students were expected to attend services at least once in the different churches of the city.

Twice each month all students gathered for a lecture from some faculty member or for rhetorical exercises of the third- and fourth-year classes. On alternate weeks all classes met at the same hour, in separate classrooms, for exercises in elocution and correct expression.

AT MIDNIGHT

Frank Dempster Sherman

See, yonder, the belfry tower
That gleams in the moon's pale light—
Or is it a ghostly flower
That dreams in the silent night?

I listen and hear the chime
Go quivering over the town,
And out of this flower of Time
Twelve petals are wafted down.

SUNFLOWERS

By H. W. D.

PINWHEELS

I know not what the other 125,000,000 American movie-goers may think, but as for me, give me a rest from chorus-girl pinwheels with ostrich plumes and epidermis, or give me poison.

I cherished a hope, when Hollywood took up musical comedy, that it would be both; but so far as I have observed, it has turned out to be feathers, feathers in circles and concave squares, rotating—now clockwise and then counter-clockwise—ad infinitum.

Lately I have developed a diabolical wish that the next camera man who climbs to the rafters to take a shot at a bunch of gorgeously befeathered chorines will fall, with all his implements and paraphernalia, right in the rosebud center of them ker-chug and ker-splash. I don't know why Laurel and Hardy haven't done it long ere this.

Perhaps it started with "Forty-second Street." I can't remember. But what irks me is that it has kept up continuously and monotonously ever since about then, and the American public continues to sit gah gah before it, as gah gah as if it didn't know the whole routine by heart, forward and backward.

If the latest superlative thriller from the west coast is labeled musical you know immediately that you will hear three or four songs bedizened by platinum peaches parading on a black marble floor in six terraces. Backstage will be a modernistic drop in black and white with elongated triangles and pyramids shooting every direction except the right one. Sooner or later the chorines will work themselves up into a pinwheel and the camera men will start flitting about to get the usual shots, every one of which the loquacious lady just back of you will label "unusual" and perhaps "cute."

If it happens to me again, as I said, I want poison. And I'll let you name my poison, if that will give you any pleasure.

A DECADE

Amy Lowell

When you came, you were like red wine and honey,
And the taste of you burnt my mouth with its sweetness.
Now you are like morning bread,
Smooth and pleasant.
I hardly taste you at all, for I know your savor;
But I am completely nourished.

It is the common wonder of all men, how among so many million of faces there should be none alike.—Sir Thomas Browne.

The Newspaperman in Government

C. E. Rogers

There are about six million farmers in the United States. Granted that 80 per cent are agreed on a course of action for the agricultural industry which has been embodied into a law, how are the others induced to conform? A majority of 80 per cent leaves 20 per cent who may not have been in sympathy with the law at the time of its adoption, and 20 per cent of American farmers is about a million farmers. How is the compliance of a million farmers to be obtained? Obviously, you cannot apply a legal penalty to a million farmers. You cannot indict a people, and that number of farmers with a united interest, even if the interest is only opposition to a law, comes near to constituting a people. A law that must rely upon a million prosecutions, or the threat of a million prosecutions, can hardly be said to go away to a good start.

What is the substitute for the threat of prosecution? If the majority group becomes deeply conscious of the advantages to be derived from collective action, it may direct its efforts towards convincing the minority that its interests also are furthered by the law. It might point out that while the benefits of collective action may entail concessions here and there, the benefits are more important economically than the concessions. It might point out that a United agricultural industry can accomplish more for the individual farmer than can an agricultural industry that is turbulent with clashing dissent. You cannot convince the minority of this by reading to it the penalty clause of a statute.

Informational service tends to obtain compliance without recourse to the courts. It persuades rather than commands. It is a substitute for the penalty clause attached to statutes. And lastly, but by no means least important, it stimulates discussion of government policies, thus inducing public demand for modifications.

The government of our country is the business of the people. What is said in public explanation of the peoples' business is sometimes erroneously termed propaganda. I say it is erroneously termed propaganda because the word implies special pleading for an individual's or a group's self interest. Government expresses the interest of the public at large. What it does in the public interest is news. It is education if it leads the citizen to better adjustments in this changing world. The newspaperman in government who gives government business currency is not a propagandist, but an educator.

From that day until this the evolution of the domestic animal has kept pace with the needs of a progressive civilization. In all ages wise and gifted men with patience and genius have delighted to spend their lives in enhancing the beauty and usefulness of the animals of the farm. Without this beneficent work civilization long ago would have been arrested.

I have in active life come in contact with many classes of men, but for breadth of vision, for warm-hearted sympathy, for all those qualities which go to make up companionable men, I have found no one superior to the livestock breeders of our country.—Frank O. Lowden in Kansas Farmer.

IN OLDER DAYS

From the files of The Industrialist

TEN YEARS AGO

A charter was granted by Delta Sigma Phi, national social fraternity, to the Edgerton club.

Milton Eisenhower, '24, was advanced to the position of vice-consul at Edinburgh, Scotland.

The 1924 show season was one of the most successful ever experienced by the animal husbandry department of the college. The college exhibits competed with the best livestock in the country at major shows and won 19 championships, 103 firsts, 71 seconds, and 59 third prizes.

Prof. Nelson Antrim Crawford, head of the department of indus-

vacation, had a record registration of 1,200 farmers. The institute featured the work of the boys and girls and the work in engineering, home economics, and agriculture. A special feature was made of electricity for the farm home.

THIRTY YEARS AGO

Glick F. Fockele, '02, and Miss Mary Finley of LeRoy were married December 18.

E. H. Webster, '96, was appointed chief of the dairy division of the United States department of agriculture.

Specimens of sweet potatoes were sent to the department of agriculture, Rhodesia, South Africa, by the experiment station and the horticultural department.

As a new year's resolution for farmers President E. R. Nichols of the college advised them to keep a set of books so they would know what products and animals were paying and which were not. Prof. A. Dickens suggested that evergreens and oaks be increased for windbreaks on farms.

FORTY YEARS AGO

Animals and floor cases were removed from old quarters in the armory to science hall.

Twenty industrious third-year students worked during vacation on maps, taking in the south half of the college grounds.

Dedicatory exercises for the new

AMONG THE ALUMNI

Joe Limes, '29, is coaching at Humboldt.

Milo Oberhelman, '34, is coaching and teaching at Lewis.

Beulah Frey, '33, is teaching home economics at Montezuma.

Avis Lucille Holland, '28, is teaching in the Harper schools.

Betty Stanley, '34, is teaching music and Latin at Burr Oak.

Maxine Fleming, '32, is teaching home economics at Gardner.

J. W. Taylor, '34, is teaching vocational agriculture at Reading.

Wesley O. Staver, '94, is an attorney at law at Pilot Rock, Ore.

Loretta Sawin, '33, is teaching vocational homemaking at Goff.

L. A. Noll, '28, is principal of the rural high school at Miltonvale.

Bernadine Finch, '32, is teaching home economics at Scotia, Nebr.

H. C. Weathers, '34, is a draftsman on KERC at Haviland, Kan.

Curtis Sides, '32, is teaching physics and mathematics at Copeland.

G. G. Noble, '34, is assistant work supervisor in Rice county, Kansas.

Hollis Sexson, '34, is teaching vocational homemaking at St. Francis.

John Lee Vaupel, '32, is with a civilian conservation corps at Effie, Minn.

Allen W. Staver, f. s. '96, and Jessie (Bayless) Staver, '98, live at Boone, Colo.

Dr. H. L. Church, '25, is practicing veterinary medicine at Battle Creek, Nebr.

E. R. Siefkin, '27, is commutation engineer for the Elliott company, Ridgway, Pa.

W. C. Foster, '28, is employed in the Paris, France, office of the Standard Oil company.

Aileen Rundle, '33, is teaching home economics in the Holton junior high school, Holton.

Nellie A. Hartwig, '26, is teaching zoology at South Dakota State college, Brookings, S. D.

Frank B. Cookson, '34, is coaching and teaching mathematics and manual training at Spivey.

Arthur L. Noyes, '85, is now raising rabbits. He lives at 920 Maple avenue, Rocky Ford, Colo.

V. H. Bohnenblust, '34, is general plant manager for the Middle States Utilities company, Cameron, Mo.

K. D. McCall, '28, is assistant engineer with the state division of water resources at Garden City, Kan.

Don A. Springer, '29, is an industrial salesman with the Cook Paint and Varnish company in Kansas City, Mo.

Ruth Moore, '27, recently received her master of science degree from the American university, Washington, D. C.

Zepherine Ellen (Towne) Shaffer, '11, is living at the Hotel Commodore, 3440 Grand avenue, Des Moines, Iowa.

Bill Hall and A. B. Meyer, '32, are employed by the International Business Machine corporation, Endicott, N. Y.

Jess Roland Mathias, '32, is a civil engineer for the Wilson Engineering company of Salina. He lives at Great Bend.

C. D. Chalmers, '34, is employed on water conservation work at Lyndon, Kan., as assistant supervisor of work.

D. L. Signor, '21, is teaching vocational agriculture in the Atchison county community high school in Effingham.

J. D. Woodruff, '33, is working for the state highway commission. His address is 1611 Central avenue, Dodge City.

Millard Cummings Watkins, '22, is with the Commonwealth Edison company, Edison building, 72 West Adams street, Chicago.

H. M. Noll, '12, is a road master with the Missouri Pacific railway. He and Mabel (Etzold) Noll, '12, live at 429 Poplar, Carthage, Mo.

Willard V. Redding, '31, is instructor in agriculture and farm supervisor in Ebenezer Mitchell junior college, Misenheimer, N. C.

V. L. Carter, '34, and A. D. Fornelli, '33, are employed in the office of the division of water resources,

state board of agriculture, Topeka, Kan.

Harry M. Flagler, f. s. '34, is attending the Northeast Oklahoma Junior college, Miami, Okla. His address is 23 A Northwest, Miami.

Frank E. Nordeen, '22, is a sales engineer for the General Electric company. He and Pearl K. (Day) Nordeen, f. s. '18, live at 713 Huron Hill, Madison, Wis.

Julia M. Moehlman, '25, is machine billing supervisor, accounting department of the United Telephone company. Her address is 217 N. E. Fourth street, Abilene.

P. C. Mangelsdorf, '21, is agronomist in charge of the corn and small grain breeding investigations at the Texas Agricultural experiment station, College Station, Tex.

Albert A. Goering, '24, is an independent oil operator and president of the Progressive Oil company. He and Jane (Krehbiel) Goering live at 703 East Fourth street, Newton.

John M. Kessler, '99, builds homes and also is secretary of the Kansas Taxpayers association. He and Emma (Scheidman) Kessler, '90, live at 211 West Twenty-first street, Topeka.

F. H. Schreiner, '10, is assistant chief reviewing appraiser with the Farm Credit Administration, Washington, D. C. He and Rachel (Frederick) Schreiner, f. s. '09, live at 3200 Olive street, Washington, D. C.

L. E. Childers, '25, is an associate editor of the Oklahoma Farmer and Stockman, Oklahoma City, Okla. He and Christine (Burger) Childers, f. s. '23, live at 1120 N. W. Forty-first street, Oklahoma City, Okla.

J. Marshall Miller, '22, is an instructor in engineering drawing and is teaching mechanical drawing and descriptive geometry at Rice Institute in Houston, Tex. His address is 1809 Albans road, Houston, Tex.

David E. Deines, '27, is working on the water conservation program for the Kansas emergency relief committee. He is an instrument man in charge of a party on the engineering force in Ness county. His home is at Bazine.

Charles S. Jones, '06, is a live stock market supervisor for the St. Louis national stockyards. He is employed by the bureau of animal industry of the United States department of agriculture. He and Blanche (Stevens) Jones, '05, live at 8891 Garden avenue, East St. Louis, Ill.

MARRIAGES

WHITE-LAING

The marriage of Leola Jane White, M. S. '33, and Donald Warbasse Laing took place June 30 in Wheaton, Ill.

ANDREWS-SHELLHAAS

Opal Lee Andrews, M. S. '34, and Paul L. Shellhaas, f. s. '26, were married July 13 in Kansas City. They live in Junction City.

BRENNER-GARAT

The marriage of Margaret Brenner, '26, and Henry S. Garat took place July 22. They are living on a ranch at Tuscarora, Nev.

MITCHELL-DANIELS

The wedding of Helen M. Mitchell, Elmont, and Richard Perry Daniels, '33, was September 26 in Topeka. They are living at 522 Buchanan, Topeka.

HAUGSTED-PFEIFFER

Lillian Haugsted, '30, Lyndon, and Austin Pfeiffer, f. s. '27, Hiawatha, were married August 15 in Topeka. They live on a farm near Hiawatha.

BRYANT-RAMEY

Beth Helen Bryant, f. s. '34, and Roger Dean Ramey, f. s. '34, were married in Manhattan last July. Mr. and Mrs. Ramey are at home in Denver, Colo.

WILKERSON-SALE

The marriage of Helen Opal Wilkerson, f. s. and Harry W. Sale, f. s., took place June 16. Mr. and Mrs. Sale are living at 424 Topeka boulevard, Topeka.

BEIGHT-LYONS

Agnes Beight, New Waterford, Ohio, and Robert Lyons, f. s. '29, Topeka, were married August 23 at the home of the bride. Mr. and Mrs. Lyons live in Topeka.

ANDERSON-WHITFORD

Virginia Anderson, '30, Lyndon, and Royden K. Whitford, '29, Washington, D. C., were married July 22 in Washington, D. C. Mrs. Whitford has been teaching at Lyndon.

HEFLING-HARDTARFER

The wedding of Hazel Hefling, f. s. '32, and Oscar M. Hardtarfer, '32, Lawrence, was August 6 in Emporia. They are at home in Brewster where Mr. Hardtarfer is teaching.

LAPSEY-BRENZ

Donald Brenz, '32, and Sara M. Lapsley were married in Springfield, Mo., June 22. Mr. Brenz is employed in the mechanical department of the Shell Refinery at Woodriver, Ill.

STARKWEATHER-ALGIE

Robert Algie, Jr., f. s. '33, Clay Center, and Ella Starkweather, Clay Center, were married July 15. Mr. Algie is now in the accounting department of the federal land bank at Wichita.

LOOKING AROUND

KENNEY L. FORD

The annual winter meeting of the Denver Kansas State college alumni club is being held at the Argonaut hotel in Denver on Monday, January 14, at 6 p. m. All Kansas Aggies who are in Denver at that time are invited to attend this meeting. Reservations should be sent to Glenn D. Slaybaugh, '28, 6880 West Thirty-fifth avenue, Wheatridge, Colo.

A meeting of the Pittsburgh, Pa., Kansas State college alumni club was held December 27 at the Pittsburgh Athletic club. Walter D. Hemker, '25, had charge of the meeting. Dr. J. E. Ackert, Prof. W. T. Stratton, and Dean R. W. Babcock of the college were guests. After short talks had been given by each of them, the remainder of the evening was spent in visiting. Plans were discussed for the entertainment of the Kansas State football squad while it is in Pittsburgh for the game with Duquesne university September 28.

The following were present: George L. Graham, M. S. '30; Walter D. Hemker, '25; Herbert A. Rose, '24, and Frances (Converse) Rose, f. s.; N. G. Chilcott, '25; A. N. Johnson, '16; G. W. Wildin, '92; T. L. Weybrew, '24, and Mrs. Weybrew; H. H. Fenton, '13; F. H. Graham, '13; J. W. Andrews, '20, and Josephine (Shoemaker) Andrews, f. s. '19; G. M. Crawford, '25, and Mrs. Crawford; L. G. Tubbs, '17, and Madge (Austin) Tubbs, '19; Hurd T. Morris, '10; Dr. J. E. Ackert; Prof. W. T. Stratton; Dean R. W. Babcock; Elfrieda (Hemker) Geil, '23; and Earl D. Ward, '26.

SHREVE-PHILLIPS

Dorothy Shreve, Joplin, Mo., and Marion E. Phillips, '33, were married September 1 in Minneapolis, Minn. Their address is United States biological survey, Federal building, Winona, Minn.

RYAN-KYLE

Grace Ryan, f. s. '34, Abilene, and Boyd Kyle, f. s. '27, Abilene, were married August 25. Mr. Kyle is employed by the American Toy and Manufacturing company in Abilene where they live.

ELDER-LARSON

Annie Catherine Elder and George Edward Larson, f. s. '30, Chanute, were married August 30 at the home of the bride's parents. Mr. Larson operates a farm near Chanute. They are living in Petrolia.

TURNAGE-COMPTON

The wedding of Mildred Lenore Turnage and Lloyd Waugh Compton, f. s. '28, occurred August 19 in Kansas City, Mo. Mr. Compton has been teaching in Doniphan and Brown counties for the past four years.

WELSH-TUTTLE

The marriage of Ruth Welsh, '27, and William Porterfield Tuttle, Glen Rock, N. J., was August 11 at the home of the bride's parents in Blackwell, Okla. Their address is 4600 Spruce street, Philadelphia, Pa.

FISHER-THOMPSON

The marriage of Leonice Fisher, '34, Fort Scott, and Penn Thompson, '33, was July 29 in Belle Plaine. Mr. Thompson is the Cloud county agricultural agent. He and Mrs. Thompson are at home at Concordia.

KING-HOUSER

The marriage of Emma Lois King, f. s. '34, Manhattan, and Edward A. Houser, f. s. '34, was August 26 in El Reno, Okla. Mr. Houser now has a government job at Winfield where he and Mrs. Houser live.

CASTO-BATDORF

The marriage of Gertrude Casto, Wellsville, and Charles Batdorf, f. s. '18, Burlington, was August 26. Mrs. Batdorf taught school at Fredonia last year. Mr. Batdorf is proprietor of a drug store in Burlington.

TARMAN-DAVIS

Catherine Tarmen, Augusta, and Edwin Paul Davis, f. s. '32, Winfield, were married July 22 in Augusta. Their address is 1409 Main street, Winfield. Mr. Davis is associated with his father in the Ed Davis floral company there.

WOODWORTH-WEBER

Beatrice Woodworth, '31, Corning, and Burton Weber, f. s. '32, Corning, were married June 27. Mrs. Weber taught home economics in the Corning high school last year. Mr. Weber is now employed by the Corning lumber company.

GILSON-FRAZIER

The marriage of Eolia Gilson, '32, Manhattan, and Harry Frazier, '31, Omaha, Neb., took place September 21 at the home of the bride's mother in Manhattan. Mr. Frazier is a junior in the medical school at the University of Nebraska.

SCHMIDT-WOOD

Rosemary Schmidt, f. s. '33, and Jess Wood were married June 25 in Junction City. For the past four years Mrs. Wood has been associated with her sister in conducting a school of dancing. They are now living at Junction City where Mr. Wood is manager of the Cole Brothers store.

COULSON-REID

The marriage of Ruth Coulson, f. s. '31, Abilene, and James K. Reid, f. s. '32, Manhattan, was August 26 at the home of the bride's sister in Abilene. Mr. and Mrs. Reid are at home in Reno,

Nev., where Mr. Reid is employed by the Standard Stations, Incorporated.

GARDNER-MORRIS

The marriage of Gail Gardner, Fredonia, and Alfred L. Morris, Fredonia, was September 3 in Neosho Rapids. Mrs. Morris recently was county case supervisor for Wilson county. Mr. and Mrs. Morris are at home at 1409 Laramie, Manhattan. Mr. Morris is a junior at Kansas State college.

HEMKER-GEIL

The marriage of Elfrieda Hemker, '23, and George Geil, Great Bend, took place September 3 in Great Bend. For the past four years Mrs. Geil has taught chemistry at the Pennsylvania College for Women, where she will continue to teach. Mr. Geil is clinical psychologist at Thorn Hill school for juvenile delinquents at Warrendale, Pa. Their address is 5543 Beeler street, Pittsburgh, Pa.

ALUMNI PROFILES

After fifteen years of continuous service for the Westinghouse Electric and Manufacturing company, Gordon Hamilton, mechanical engineering graduate of 1919, is now manager of the Kansas City branch of that company.

Before attaining his present position, Hamilton had been a salesman in the East Pittsburgh and South Philadelphia factories, a steam specialist at the Los Angeles office, station salesman at the central station division in Chicago, and manager of the Milwaukee branch.

Hamilton was active in college af-



GORDON HAMILTON

fairs. He held memberships in Sigma Tau, honorary engineering fraternity; Pi Kappa Delta, honorary forensic fraternity; Hamilton literary society; Forum, American Society of Mechanical Engineers; Sigma Phi Delta, social fraternity; and Pax and Scarab, junior and senior men's political organizations. He also served as assistant manager of the Royal Purple and president of the senior class.

Mrs. Hamilton, formerly Vera Olmstead, is also a Kansas State graduate with the class of 1919. They have two children, Nancy, 5 years old, and Gordon Douglas, 2 years. Their address is 5944 Blue Hills road, Kansas City, Mo.

Steel Ring Elects Seven

Steel Ring, engineering society, honored seven newly elected members at a recent dinner. They are: Don Bammes and W. E. Peery, both of Manhattan; Clarence Crawford, Luray; David Dukelow, Hutchinson; Maurice Hanson, Newton; W. D. Mitchell, Ness City; and J. M. Street, Yates Center. Seven others will be chosen at the end of the second semester.

BIRTHS

A. B. Cash, '26, and Esther (Ankeny) Cash, '25, Combs, Ark., announce the birth of a son.

H. R. Bryson, '17, and Gladys (Muser) Bryson, 1821 Leavenworth, Manhattan, are the parents of a son, William Donald, born December 29.

George F. Branigan, M. S. '33, and Marion (Elmers) Branigan, 1631 Humboldt, Manhattan, announce the birth of a son, Thomas Lynn, on December 15.

E. D. Chilcott, '32, and Barbara (Brubaker) Chilcott, '32, are the parents of a daughter, Mary Frances, born December 13. Mr. and Mrs. Chilcott live at Pratt.

J. L. Potter, '28, and Helen (Trembley) Potter, '29, announce the birth of a son, Donald Joseph, on November 22. Their address is 20 North Dodge, Iowa City, Iowa.

RECENT HAPPENINGS ON THE HILL

Prof. G. A. Dean, chairman of the chamber of commerce committee on city trees, and county officials met during the holidays at the Community house to discuss ways and means of combating the canker worm during the coming year.

Dr. J. E. Ackert, dean of the division of graduate study at Kansas State college, was elected councillor of the American Society of Parasitologists at the organization's business session in connection with the American Association for the Advancement of Science convention held during the holidays in Pittsburgh, Pa.

February 1, Miss Esther Hoff will become third assistant to Miss Jessie McDowell Machir, registrar of Kansas State college. Miss Hoff is a graduate of Friends university, Wichita, and has been employed at the university as registrar for the past five years. Miss Hoff will take the place left vacant by Miss Ruth W. Zeigler, who recently resigned to work in the Federal Land bank at Wichita.

Prof. E. R. Dawley, of the mechanical engineering department, called a meeting of the board of directors of the Kansas Engineering Society in Topeka January 5. The meeting was for the purpose of selecting the time and place for the annual meeting of the organization. Plans to send a delegate to the meeting of the American Engineering council to be held in Washington, D. C., next month were considered. Professor Dawley is secretary of the organization.

Students working on CSEP projects at the college this semester made applications January 5 for reappointment for work during the second semester. A waiting list will be set up January 15, so that application after that time probably will not be considered in filling vacancies which may occur. Students on the payroll now will be given special consideration for the second semester if they are not deficient in their college work. Jobs are awarded on the basis of need, worthiness, and scholarship.

Social Club Meets

A talk on "Appalachian Highlanders," by Kingsley Given, and songs by Edwin Sayre will comprise the Social club's program for next Monday afternoon, January 14, in Recreation center.

Japanese Prints Here

Prints done in Japanese style by Elizabeth Keith, an English artist who has lived in the Orient, are now being exhibited in the art department. They are loaned by Harriett Morriss, '18, now doing graduate work here during her two-year leave of absence from her school in Korea.

Silver Tea for Fellowships

A "silver tea," at which contributions for the fellowship fund will be acceptable, will be the first 1935 meeting of A. A. U. W. tomorrow afternoon, January 10, in Recreation center. John Barhydt will play a piano number and Miss Emma Hyde will lead a discussion.

Scholar Attends Washington Meeting

Prof. C. H. Scholer has returned from a meeting of the highway research board, division of engineering and industrial research, national council, held at Washington, D. C. The meeting was largely of college professors, representatives of road material companies, and representatives of state highway departments. Professor Scholer presided at one of the sessions and attended several sub-committee meetings.

Journalists Convene

Prof. E. T. Keith, acting head of the department of industrial journalism, spent December 27 to 29 in Chicago attending meetings of the American Association of Schools and Departments of Journalism and the American Association of Teachers of Journalism. Prof. C. E. Rogers, head of the industrial journalism department here, now on leave of absence in Washington, D. C., is president of the former organization and presided at its sessions. Both men gave addresses there.

WILDCATS DROP 3 GAMES INCLUDING TWO IN BIG SIX

OKLAHOMA WINS BOTH GAMES OF
CONFERENCE OPENER

After Breaking Even in Exhibition Contest before Holidays Kansas State Loses to O. U. and Oklahoma City Universities

Since the Christmas holidays the Kansas State basketball team has played three games, dropping all three of the engagements. One was a non-conference affair and two others against the University of Oklahoma opened the Big Six season for the Wildcats. The team was scheduled to meet Wichita university at Wichita last night in a non-conference game.

Before the holidays Kansas State broke even in a pair of exhibition games with the University of Kansas, winning the first December 14 in an overtime period, 33 to 35. Four days later at Manhattan the university team won 40 to 26. Both were exhibition games played under drastic rules changes, including baskets 12 feet from the floor and moved in four feet. Field goals were valued three points.

SOONERS WIN OPENER

Going into the last half on the short end of a 14 to 18 score, the University of Oklahoma staged a dramatic finish at Norman January 4 to turn back Kansas State 38 to 32 and get off to a flying start in the Big Six race. It was Frank Groves, six-foot four and a half center, who drinks a pint of warm milk during each game to allay indigestion, and Captain Oran Stoner, who led the Kansas State attack. Groves hit the hoop seven times from the floor, and added a free throw to carry off scoring honors with 15 points.

The following night Oklahoma's quick breaking offense, with Bud Browning the jack rabbit, was too much for the smooth working Kansas State team and the Sooners triumphed 47 to 34.

BROWNING A STAR FOR O. U.

Put to disadvantage repeatedly through Frank Groves' jumping at center, Oklahoma had to take Kansas State shots from the backboard before launching a sortie. But with monotonous regularity, Browning took the ball on the rebound, sprinted down the floor and fed to a waiting mate for a pay shot.

January 7 the Wildcats were defeated 36 to 27 by the Oklahoma City university Goldbugs.

Score of the first game:

Kansas State (32)	G	FT	F
Tellejohn, f	0	0	0
Thornbrough, f	3	0	1
Freeland, f	0	0	2
Ayers, f	0	0	0
Armstrong, f	0	0	0
Groves, c	7	1	3
Railsback, g	0	0	3
Gilpin, g	0	0	0
Stoner, g	4	3	3
Mills, g	0	0	0
Totals	14	4	12

Oklahoma (38)	G	FT	F
Connelly, f	1	2	0
Warren, f	1	2	0
Tone, f	1	0	1
Cobb, f	2	1	1
Gunning, c	3	0	0
Nelson, c-f	0	0	0
Browning, g	4	2	2
Tyler, g	0	0	1
Hays, g	3	1	3
Totals	15	8	8

Score at half: Kansas State 18, Oklahoma 14.

Second game:

Oklahoma (47)	G	FT	F
Connelly, f	5	0	4
Warren, f	3	0	0
Tone, f	0	0	0
Cobb, f	0	0	0
Gunning, c	0	1	2
Nelson, c-f	2	1	3
Browning, g	2	2	3
Tyler, g	2	2	1
Hays, g	2	1	0
Thomas, g	0	0	0
Totals	20	7	15

Kansas State (34)	G	FT	F
Thornbrough, f	1	0	4
Tellejohn, f	0	0	0
Freeland, f	2	2	3
Groves, c	4	2	2
Gilpin, g	1	1	0
Railsback, g	3	2	0
Stoner, f	1	3	2
Totals	12	10	11

Score end first half: Oklahoma 20, Kansas State 19.
Officials—John B. Old, Kansas, and Skimmer Miller, Iowa.

WRESTLING TEAM CHOSEN TO MEET MISSOURI TIGERS

Coch Patterson's Pupils Open Season Thursday at Columbia

Coach B. R. Patterson has announced names of members of the wrestling team which will be taken to Missouri university Thursday for a dual meet with the Tigers. Tryouts were completed last week.

Those who will make the trip to Columbia where they will weigh in

at 3 o'clock Thursday afternoon include: 118 pounds—Elmer Betz, Chapman; 126—Forrest Fansher, Edmond, Okla.; 135—Captain R. H. Campbell, Missouri Valley A. A. U. champion, Grenola; 145—Ernest Jessup, Wichita; 155—Gene Howe, Stockdale; 165—Claude Young, Missouri Valley A. A. U. champion, Utica; 175—Dean Swift, Olathe; and heavyweight, Rolla Holland, Iola.

Betz, Swift, and Holland were unopposed in the tryouts. Fansher won from Stephenson and Sherar by decisions; Campbell won from Thomas by a fall; Jessup beat Burns by a fall; Lamb and Dukelow lost to Howe by decisions; and Young won from Carleton on a decision.

HUNT'S OILS BRING PRAISE IN PARIS, NOW EXHIBITED HERE

Former Student of Dehner, Helm, Commended by Paris Art Magazine for His Landscapes

Eighteen brilliant oil paintings of Rocky Mountain scenes done by Stanley P. Hunt, '19, are now on exhibition in the department of architecture gallery and will remain there until January 20.

"His pictures are filled with energy; paint surfaces are plied with a vigorous palette knife technique," commented the art critic of the Rocky Mountain News (Denver) last October of a collection of his paintings being shown in the Denver Art museum. "Often raw, sometimes chaotic, they have a certain dynamic quality of landscape expression which compels the spectator to pause and consider them. In each is courage and independence in working out of visual problems, expressed through highly tensioned surfaces of pigment."

La Revue Moderne, published in Paris, carried a brief but commendatory article on his work in a recent issue, pointing out the Cezanne influence at work in him. The writer declared, however, that Hunt was no mere imitator, had gone on from Cezanne, adding a touch which made his work more expressive of the present era, and coloring it with his own personality. The article was commenting on four of his landscapes being exhibited in New York City.

Hunt received his bachelor's degree in mechanical engineering. Later he returned for work under John Helm, Jr., and Walter Dehner. He has been professor of drawing and design in the University of Wyoming since 1926.

J. O. FAULKNER DISCUSSES PROSE, POETRY OF 1928

Reviews 'John Brown's Body,' by Benet —Declares 'Strange Interlude' Year's Best Book

Prof. J. O. Faulkner lectured on literature of 1928 on Tuesday night, December 18, in the second floor lecture room of Calvin hall. It was the eighth number in this year's series of 10 evening programs given by members of the department of English.

He discussed in some detail Stephen Vincent Benet's book "John Brown's Body," reading excerpts from it to illustrate his points. Mr. Faulkner's own father had been in the group which had captured Brown and Mr. Faulkner himself had visited most of the places spoken of in the book and hence could supplement from personal experiences the material in the book. The detached, non-partisan spirit of the book he spoke of as especially commendable; it was neither Southern nor Northern in prejudice.

Eugene O'Neill's "Strange Interlude," also published in 1928, he declared the greatest book of the year. Edna St. Vincent Millay's and Elinor Wylie's poetic contributions of the year also came in for brief comment.

Waldorf Denies Rumor

Lynn O. Waldorf, head coach of football, returned to Manhattan early this week to deny rumors, circulated last week, that he had been offered the head coaching position at Northwestern university. Waldorf declared that he had not applied for the position and that it had not been offered him. The naming of Richard Harlow, head football coach at Western Maryland since 1926, to succeed Eddie Casey at Harvard university, dispels the possibility of Waldorf being offered that position as rumored recently. Many believe that Waldorf probably will receive an offer from Northwestern university soon.

PLAN TO BUY PAINTING BY JOHN STEUART CURRY

THREE OILS NOW ON DISPLAY IN
RECREATION CENTER

Special Committee of Friends of Art Will Handle Contributions Toward Purchase Fund for Work of Young Kansas Artist

A committee to accept contributions for the purpose of buying a painting by John Steuart Curry for the college collection will be named this week, it was decided at a meeting of the executive committee of the Friends of Art Monday afternoon. Individual and group assistance will be asked. About \$400 more is needed.

Three paintings by Curry are on display in Recreation center this week. They are "Sun Dogs"; "Man Hunt"; and "Storm Over the Missouri." The first is a winter scene painted in Barber county, Kansas, and the "Storm Over the Missouri" obviously was painted from the heights near Atchison or Leavenworth.

Curry has become Kansas' best known artist, and one of the outstanding young group who are taking the lead in painting "the American scene." An eastern critic has called Curry "the Homer of Kansas."

Thus far no painting by Curry has been added to a Kansas collection, and the fact has been the subject of much critical comment in the art and general press. Curry is especially interested in Kansas State college, as his mother and a sister went to school here, and several other relatives also have taken work at the college.

Curry was reared on a farm in Jefferson county, where the family still lives, and attended Geneva college, Beaver Fall, Pa., where he was, among other things, a football letter man. He studied at the Kansas City and Chicago Art institutes, and in New York and Paris. His paintings are in several outstanding collections, including that of the Metropolitan museum.

Last year one of Curry's paintings won the highest award given an American in the Carnegie International exhibition.

January Schedule Announced

The intercollegiate sports schedule of Kansas State college for January includes four dual wrestling meets and one tentative boxing meet in addition to the basketball schedule. The wrestling schedule for this month includes Missouri there on January 10; Kansas there January 17; Southwestern here (tentative) January 21; Oklahoma university here January 31. The boxing schedule opens January 28 with a tentative meet scheduled with St. Benedict's there.

Big Six Standings

	W	L	TP	OP	Pct.
Oklahoma	2	0	85	66	1,000
Iowa State	1	0	31	23	1,000
Kansas	1	0	39	29	1,000
Kansas State	0	2	66	85	000
Missouri	0	2	52	70	000
Nebraska			(has not played)		

OTHER GAMES THIS WEEK

Tuesday—Missouri vs. Kansas at Lawrence.
Friday—Kansas State vs. Kansas at Lawrence; Oklahoma vs. Missouri at Columbia.
Saturday—Oklahoma vs. Missouri at Columbia; Iowa State vs. Nebraska at Lincoln.

PROGRESS OF KANSAS PRESS F. E. C.

An important feature in a recent issue of the Barber County Index was a half-column of important Barber county events for every month of 1934. Another novel idea of J. C. Hinshaw, editor.

L. F. Valentine's annual review of news of the old year filled the front page and two and one-half columns on the second page. One or more local events of importance for practically every day in 1934 were included in this special feature.

Charles L. Bigler, editor of the Goodland News-Republic, is making an unusual offer of a free package of 25 new style safety razor blades with a six-month subscription to the Goodland Daily News. We don't like subscription prizes but if the razor blades are as good as Bigler's paper, the combination is a real bargain.

With its first January issue, the Lincoln Sentinel-Republican celebrated completion of its forty-sixth

Basketball Schedule

*Dec. 14—Kansas State 39, Kansas U. 35.
*Dec. 18—Kansas State, 26, Kansas U. 40.
Jan. 4—Kansas State 32, Oklahoma U. 38.
Jan. 5—Kansas State 34, Oklahoma U. 47.
*Jan. 7—Kansas State 27, Oklahoma City U. 36.
*Jan. 8—Wichita U. at Wichita.
Jan. 11—Kansas U. at Lawrence.
Jan. 14—Iowa State at Manhattan.
Jan. 21—Nebraska U. at Manhattan.
Jan. 26—Kansas U. at Lawrence.
Feb. 1—Missouri U. at Manhattan.
Feb. 8—Missouri U. at Columbia.
Feb. 15—Oklahoma U. at Manhattan.
Feb. 22—Kansas U. at Manhattan.
Mar. 2—Nebraska U. at Lincoln.
Mar. 4—Iowa State at Ames.

*Indicates non-conference.

MARTIN, JEFFERSON GIVE VIOLIN-PIANO RECITAL

First of Music Faculty Programs Scheduled for Next Sunday at 4:15

A modern Russian sonata, a Spanish symphony, a group of varied short numbers, a spirited Spanish dance by Sarasate comprise the program of Max Martin and Alice Jefferson in the college auditorium next Sunday afternoon at 4:15 o'clock.

It will be the first of a series of recitals to be given by members of the department of music. The first number on this first program will be a violin-piano duo: three movements of Sonata by Ippolitoff-Iwanoff. Next will come Lalo's Symphony Espagnole. In Mr. Martin's third group are Irish Lament arranged by Franko; Chassidic Dance, written on an Hebraic theme by Gresser and Franko; Tchaikowsky's lovely Melodie, which several radio artists have used this winter; and the brilliant Hora Staccato by Dincu and Heifetz. Spanish Dance No. 8 by Sarasate will conclude the program.

CLOSE LECTURES ON SOILS, BEGIN NEW SERIES SOON

Prof. R. I. Throckmorton Spoke Monday at Agronomy Seminar—Roberts the Next Speaker

Prof. R. I. Throckmorton spoke Monday at the regular agronomy seminar on the proper balance between field, greenhouse, and laboratory investigations in a soil research program.

His talk closed the series of lectures on soils. Beginning January 14 a new series on agronomy and the new deal will be started. The schedule of speakers on this series:

January 14—Paul H. Roberts, acting director, Lincoln, Nebr.—the plains shelterbelt project.
January 21—Dr. A. E. Aldous, department of agronomy—the use of grasses and other plants in relation to soil erosion.

January 28—W. H. Darrow, field specialist AAA, College Station, Tex.—the cotton adjustment program as it affects agriculture in the southwest.

February 4—Prof. A. L. Clapp, department of agronomy—the corn-hog adjustment program in relation to agronomy.

February 11—Dr. W. E. Grimes, department of agricultural economics—the wheat adjustment program in relation to agronomy.

A botanical series begins in February:

February 18—Dr. F. C. Gates, department of botany—taxonomy.

February 25—Miss M. Newcomb, department of botany—cytology in relation to taxonomy.

March 4—Prof. H. H. Laude, department of agronomy, and Dr. C. L. Lefebvre, department of botany—plant anatomy in relation to crops research.

NEAR MAXIMUM PRICES POSSIBLE THROUGH STUDY

ECONOMIC RESEARCH OF COLLEGE
BENEFITS HOG RAISERS

Members of Farm Bureau-Farm Management Associations Have Sold at Seasonally Different Times Than Other Producers

By applying the information obtained from economic research of Kansas State college, members of Kansas farm bureau-farm management associations have sold their hogs at seasonally different times than other farmers and have been financially better off. This fact is shown in a summary just made of the hog marketing operations of 226 members of two such associations in Kansas.

"The summary of hog marketings by member farmers shows that they sell more of their hogs closer to the season's highest market prices than do Kansas farmers in general; they sell a smaller proportion of their hogs in periods of the lowest seasonal prices than do most Kansas farmers; they usually market the largest proportion of their seasonal supply when other Kansas producers are marketing the smallest proportion.

TWO ASSOCIATIONS ORGANIZED

More than 100 farm owners in Butler, Cowley, Harper, Harvey, Kingman, Pratt, Rice, Sedgwick, Stafford, and Sumner counties have banded themselves into the Southern Farm Bureau-Farm Management association of Kansas, while an equal number in Clay, Cloud, Ottawa, Dickinson, McPherson, Geary, Morris, Riley, Washington, and Marshall belong to the Northern Farm Bureau-Farm Management association.

These groups are operating now in their fourth year, each association having a full-time manager. Results of careful farm management are seen in the steady increase in farm profits of member farmers. In 1931 only 42 per cent of the farms in the northern association showed a profit. The next year 63 per cent showed a profit, while last year 97 per cent showed a profit above all expenses.

TAKES WORRY OUT OF FARMING

Merle Goff, a member of the northern association in Riley county, says that the information made available to him by the market research of the college takes a good deal of the worry out of his farming.

Of the marketing information Goff said: "I feel more at ease than if I didn't have it. I always plan to have my hogs fat at the time when the college predicts the best price for the season. I seldom hit the high day, but I always sell within two or three weeks of the best market for the season. I find this is much better than missing it 60 days on either side of the peak."

GRIMES IN WASHINGTON FOR PRODUCTION PLANNING WORK

Acting Dean Elected President of Farm Economic Association

Dr. W. E. Grimes, acting dean of the division of agriculture, left for Washington, D. C., Saturday to work for a week with the production planning section of the agricultural adjustment administration.

While attending a meeting in Chicago of the American Farm Economic association December 26 to 29, Doctor Grimes was elected president of the group. For the past year he has been vice-president and associate editor of the journal of the association.

Others who attended the Chicago meeting from Kansas State college included: Prof. Harold Howe, Homer J. Henney, Dr. Randall Hill, Wendell Beals, W. A. Murphy, and Miss Myrtle Gungelman.

COLLEGE ORGANISTS CHEER EXAM HARASSED STUDENTS

Will Give Noon Recitals During Finals Week

To furnish an inspirational interlude and help brighten final examination week the music department will give 30-minute organ recitals daily at 12:30 beginning Monday, January 21, in the auditorium. Miss Marion Pelton, Don Engle, and Richard Jesson will assist in the program.

The program is as follows:

Jan. 21	Miss Marion Pelton
Jan. 22	Don Engle
Jan. 23	Richard Jesson
Jan. 24	Miss Marion Pelton
Jan. 25	Richard Jesson

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Number 15

'ABOLISH GRADE SYSTEM' STUDENTS URGE FACULTY

ASK ENGLISH BE STRESSED MORE,
'APPRECIATION COURSES' ADDED

Collegians Suggest Changes in Curricula, Examinations, Housing To Be Put into College 20-Year Plan, in Forum Meeting

Test students in English each semester of their college career and don't let them graduate if they can't meet the requirements of clear effective writing. Have freshmen divided up into about 10 groups for their orientation lectures instead of having them in one large group. Don't have so much specialization in home economics courses and instead work in more appreciation courses in the humanities, especially art. Eliminate the grade system.

These were some of the changes suggested by students in the student faculty forum the night of January 8 in Recreation center. The meeting was called to discuss the 20-year plan for Kansas State college, now being worked out by the different divisions.

Curricula, examinations, and student housing were the three subjects of critical discussion. Dr. J. T. Willard, vice-president of the college, opened with a brief resume of faculty recommendations made thus far.

MANY SUGGESTIONS OFFERED

Leslie King, Wichita, president of the college Y. M. C. A., spoke of the over-supply of college graduates in the country and the need of still better preparation and for weeding out those unfitted to profit by a college education. Frances Aicher, Hays, spoke on curricula, and made a plea for more liberalizing courses in home economics, less emphasis upon professional ones. She also voiced objection to professors who try to force upon students their pet theories, instead urged that all theories be presented and the student be allowed to choose his own. She spoke briefly on curricula in agriculture, engineering, and veterinary medicine.

Among the 24 criticisms and suggestions for the general science curriculum were: require girls to take household physics instead of general physics; have instructors in education practice what they teach; forbid changing schedules so as to force unwanted instructors upon students; allow instructors no chance for partiality; have more strict entrance requirements for junior college entrants; stop overlapping courses in economics and American government.

FAVORS 'PROJECT METHOD'

Clarence Bell, McDonald, discussed subject matter and examination. He urged more close correlation of courses and a more practical approach to the subject, a combination of lecture with laboratory in courses where the lecture method alone is used, and the adoption of the "project method" as used in the University of Chicago.

As to examinations he spoke tolerantly of the subjective type as supplementary, but urged stressing objective ones, especially those of the matching, multiple choice, and simple short answer types. He condemned the "pop" quiz, urged having two week ones and a final.

Sarah Ann Grimes, Manhattan, discussed housing in the 20-year plan, outlining the proposed scheme of development with four residence halls for the college men and two more for the girls. She then weighed the relative advantages of Greek letter organized houses and the residence halls.

HEGARI PRODUCTION NOT REGULAR, AGRONOMIST SAYS

Warns of Relatively Low Yields in Unfavorable Seasons

Because of a growing interest in Hegari, a variety of grain sorghum, the agronomy department of Kansas State college has issued a warning to Kansas farmers concerning this crop. The small crop of sorghum in the state last year has resulted in Hegari seed being shipped in from

outside the state and H. H. Laude of the department of agronomy points out that Hegari is irregular in its production.

It has the capacity to make high yields under irrigation or in seasons when conditions are favorable but makes relatively low yields in unfavorable seasons. Numerous experiments with Hegari in Kansas since 1915 show that it produces much lower yields of forage than standard varieties of sorgo, sweet sorghum, or "cane." It makes somewhat lower yields of grain than adapted varieties of kafir.

"Hegari can not be expected to produce forage yields equal to such varieties as Atlas and Kansas Orange sorgos in eastern Kansas or varieties like Early Sumac and Leoti Red in western Kansas," Laude said. "Neither should Hegari be planted with the expectation of getting as much grain as can be harvested from Dwarf Yellow milo, Wheatland, or Western Blackhull kafir in western Kansas or from Blackhull kafir, Red kafir, or Pink kafir in eastern Kansas. However, when seed of adapted kafir is not available Hegari may be the next best grain sorghum for planting in eastern Kansas."

TWENTY-SEVEN PLAN TO EARN ADVANCED DEGREES

Expect To Complete Requirements for Master's Degrees before the 1935 Commencement

Twenty-seven graduate students at Kansas State college plan to complete requirements for master's degrees before the 1935 commencement, Dr. J. E. Ackert, dean of graduate study, reports. Agronomy, zoology, agricultural economics, and institutional economics each has three students completing their advanced degrees.

Two of the group—M. H. Radi, poultry husbandry, and L. S. Van Scoyoc, history—intend to complete requirements for the degree by the end of the present semester.

Those who expect to get degrees in June are: S. M. Ahi, agronomy; Burton Baker, zoology; A. I. Balzer, entomology; Oma Barry, child welfare; Donald H. Bowman, botany; Roy Clegg, education; C. F. Gladfelter, agricultural economics; P. C. Haggman, mathematics; Frederick Hill, economics and sociology; W. C. Hulburt, agricultural engineering; J. W. Hunter, agronomy; J. G. Kennard, animal husbandry; Ruth Kramer, food economics and nutrition; Alvin E. Lowe, agronomy; Alice B. Marsh, institutional economics; D. D. Murphy, education; James T. Newton, agricultural economics; Myra Newton, institutional economics; Martha L. O'Neill, institutional economics; Ivan Pratt, zoology; John B. Roberts, agricultural economics; Margaret Tabor, zoology; Forrest Walker, psychology; Jessie Winder, general home economics; Burl Zimmerman, architecture.

DONNA JOHNSON OF CLEBURNE IS HONORARY CADET COLONEL

Honorary Majors Also Announced at Annual Military Ball

Election of Miss Donna Johnson, Cleburne, Kan., as honorary cadet colonel of the reserve officers' training corps of Kansas State college, was announced at the annual military ball Saturday night.

Miss Johnson, a junior majoring in physical education, is a member of Chi Omega sorority.

Runners up in the election, in which the entire student unit of military science and tactics voted, were recognized as honorary cadet majors. They were Miss Gladys Niles, Liberal, Delta Delta Delta, first battalion; Miss Ivernia Danielson, Manhattan, Alpha Delta Pi, second battalion, and Miss Betty Powell, Topeka, Chi Omega, third battalion.

The formal party, at which announcement of the honorary officers was made, was one of the most brilliant all-school dances of the year.

THE NEW AND PRACTICAL ON FARM-HOME PROGRAM

HOME MAKERS AND FARMERS WILL
BE GUESTS FEBRUARY 5 TO 8

Special Emphasis on Home Problems—
Cover Wide Range of Topics
Which Are Educational
and Timely

Farm and Home week, the time Kansas farmers and home makers gather at Kansas State college to view developments that are new and practical in their fields of work, will be held in Manhattan, February 5 to 8, with Kansas State college as host.

The program schedule will be similar to that of last year. Tuesday, February 5, will be poultry day; Wednesday, February 6, dairy day; Thursday, February 7, live stock day; and Friday, February 8, agronomy day. For the housewives, there will be home economics programs on Wednesday, Thursday, and Friday, conducted under the leadership of Miss Amy Kelly, extension state home demonstration leader, and Miss Margaret M. Justin, dean of the division of home economics. The poultry day programs always draw both men and women.

Special beekeepers' meetings will be on Thursday, February 7.

The day meetings, which deal with farm and home problems, developments, and discoveries, are conducted by extension service specialists and college faculty members who take up topics that are educational and timely.

Among outstanding speakers who have been invited to address Farm and Home week visitors are A. J. Glover, editor of Hoard's Dairyman, Fort Atkinson, Wis., and Archer B. Gilfillan, a colorful character from Spearfish, S. D. Mr. Glover is scheduled for the Wednesday evening general assembly, and Mr. Gilfillan for the Friday night achievement banquet at which the Master Farmers for 1934 will be announced.

FARMERS URGED TO OBTAIN KANSAS GROWN SEED CORN

'When Corn Must Be Imported It Should
Be from Locality of More Severe
Growing Conditions'

Because seed corn of adapted varieties is expected to be scarce this spring, agronomists of Kansas State college are urging farmers to try to obtain Kansas grown seed or seed from as close by as possible.

A. L. Clapp, associate agronomist, points out that 40 experiments showed corn from Kansas grown seed has produced 6.5 bushels more per acre than seed of the same variety produced in states east and north of Kansas. In eastern Kansas home grown seed produced 3.8 bushels more per acre than seed of the same varieties obtained at a distance but within the state. In most cases the home grown seed originally had come from the same source as the imported seed but had been grown in the locality long enough to become acclimated.

Tests in central and eastern Kansas since 1911 show that when seed corn must be imported it should be obtained from localities having more severe growing conditions rather than more favorable conditions.

Mr. Clapp, in answer to a question, said that seed from small ears may produce a satisfactory yield if the ears are small because of poor growing conditions rather than because of inherent characteristics. He suggests that farmers be sure to test their seed corn for germination.

Dawley in Washington, D. C.

Prof. E. R. Dawley of the department of applied mechanics of Kansas State college left last week for Washington, D. C., to attend a meeting called by the American Engineering council of all the secretaries of the engineering societies in the United States. He is secretary-treasurer of the Kansas Engineering society.

New Department Head



Linn Helander, new head of the mechanical engineering department, who assumed his duties January 1. He succeeded the late J. P. Calderwood. Helander is a graduate in mechanical engineering from the University of Illinois. He has had wide engineering experience, particularly in the design and use of steam power plants. He has written extensively for the technical press and is recognized nationally as an authority on the economics of design and construction of steam power plants.

SERIES FARM CONGRESSES TO WORK OUT UNIFIED PLAN

Kansas Farmers To Assemble with
Other Business Men Interested
in Agriculture

Kansas farmers are going to assemble around conference tables with other business men interested in agriculture, and representatives of Kansas State college, to work out a unified plan for the future of Kansas farming. Helping to put the plan across will be local chambers of commerce, the state board of agriculture, the Kansas Bankers association, local farm bureaus, regional press associations, boards of trade, railroad officials and others.

That is the object of a series of regional farm congresses to be held over the state beginning with a meeting in Parsons January 30 and 31. At each meeting, all major farm enterprises, such as dairy, poultry, general livestock, and crops, will be represented. Each congress will be made up of approximately 12 leaders from each of the surrounding counties. Other regional farm congresses will be held at Hutchinson February 14 and 15; Salina March 5 and 6; and Dodge City March 7 and 8.

The need for such meetings has been made evident by studies conducted in several areas of the state, reports C. R. Jaccard, Kansas State college extension service district agent, who will preside at the meetings. A study of one area revealed that a 25 to 50 per cent increase in its feed crop acreage would be necessary to feed its live stock properly. Another area has, by the reduction of live stock during the past 20 years, released approximately 500,000 acres of land for the production of cash crops, which is a surplus above that used when the farming system included more livestock. Another area has a pasture shortage of approximately 200,000.

CALIFORNIA DEBATERS HERE TO DISCUSS TOWNSEND PLAN

Beulah Browning and Nathan Shapiro
Represent Kansas State College

The Townsend plan, widely discussed program of old age pensions as a cure for economic and social ills, will be the subject of a non-decision debate tonight in Recreation center of Anderson hall between teams representing the University of California and Kansas State college.

The western debaters, Ervin Anderson and Richard Detering, are touring the country supporting the proposition because of the great national public interest that has been shown in this proposal, which is the product of a California retired physician. Beulah Browning, Abilene, and Nathan Shapiro, Manhattan, will argue the question for Kansas State.

SHELTERBELT PROJECT EXPLAINED BY DIRECTOR

BELIEVES PROGRAM WILL HAVE
MAJOR EFFECT ON SOCIAL LIFE

Administrator Says It Is an Opportunity
for Forestry and Agriculture to
Create a New Field of Agricultural Forestry

Details of administering the government shelterbelt project through the plains area were given to two audiences here Monday by Paul H. Roberts, acting director. Additional details were given by Charles A. Scott, who is in charge of the project for Kansas.

Correcting what he described as misinformation disseminated since the idea was conceived, Roberts explained what the forestry service hopes to accomplish. "We make no claims on climatic changes. We won't prevent droughts nor make rain. By reducing wind velocity we may be able to reduce water evaporation. The shelterbelts will be partly planted to shrubs which will yield food and cover for game birds and wild life. We don't propose to change the agriculture of the region, but we think the shelterbelts will eventually have a major effect on the social life." He spoke at an agronomy seminar in the afternoon and at the Science club meeting that night.

MAY BE MOVED EAST

The shelterbelts will avoid grazing lands and therefore in many cases may be farther east than originally thought, it was explained. It is not the intention to go so far out on the plains that trees will be subjected to too hazardous conditions. In Kansas, Scott explained, Great Bend, in Barton county, would probably be the easternmost point. Norton county would be the eastern edge in the north tier of counties, although Scott said he thought ultimately the belt might be moved farther east.

Roughly, the zone will be 100 miles wide. Within this zone there will be many shelterbelts. A shelterbelt, properly defined, is a strip of trees of 12 to 18 rows, eight rods wide. The rows may be a fraction of a mile long or they may run many miles, Roberts explained. Contrary to the popular impression, trees in the shelterbelt will not run in rows continuously from the Canadian border to the Red river in Texas. The individual shelterbelts will not always run in the same direction. Some of them will be north and south, some east and west, and some diagonally. This matter and other physical characteristics of the shelterbelts will be determined by local conditions.

Trees and shrubs that have proved hardy in the various regions will be used. On heavy upland soils of western Kansas, Scott said, hardy pines will be planted. The Chinese elm will be used in western Kansas. The Honey locust will be planted in many places, and on sandy soils where the water table is not too deep, the cottonwood.

PLANTING LIMITED THIS YEAR

Planting in Kansas this spring probably will be confined to five or six counties south of the Arkansas river, Scott said.

Roberts said it was impossible to fix a dollar and cents value on the shelterbelt. "It is an opportunity for the forestry service and the field of agriculture to work together and create a new field of agricultural forestry."

The first step in locating shelterbelts is to lease the land, Scott explained. Leases for 10 years with an option to buy at any time within the 10-year period will be secured. Contracts will be made with farmers or others to fence the shelterbelts and maintain the enclosures. A trained crew will do the planting, after which farmers or others will be paid to care for the young crop.

The biological survey will play an important part in the shelterbelt program, Mr. Scott said. Its task will be to control crows, jackrabbits, gophers, and other rodents and pests.

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WEDNESDAY, JANUARY 16, 1935

COOPERATIVE RESEARCH

To a much greater degree than most persons realize, the research conducted by the Kansas agricultural experiment station is cooperative between the station staff and individual farmers of the state. A handful of men—and women—conduct the laboratory and nursery phases of the research at Kansas State college, while out in the field no fewer than 10,952 individual tests have been conducted on the farms of Kansas since cooperative farm testing began in 1911.

Cooperative tests have been run at the rate of about 500 a year. Every county in the state has helped, the tests being made on any crop production problem of importance—varieties, fertilizers, tillage methods, rotation, fallow, seed treatment, crop adaptation, pasture, weed control—in fact, any problem affecting production of farm crops may be made the subject of study through the cooperation of practical farmers.

Detailed records are kept on soil conditions; time, method, and order of planting varieties; winter killing; insect damage; drought; lodging; time of maturity; yield; or a dozen other factors that may shed light on crop production problems. County agricultural agents, vocational agriculture teachers, and farmers help with the vast detail of planting, tilling, harvesting, and checking and tabulating results of these hundreds of experimental plots scattered over the state.

Breeding, testing, increasing, and adapting a new crop variety—or investigating other agronomic problems—comprise an intricate task stretching over a period of a decade or more. If the problem is a new variety, it goes through five phases:

1. Creation in the nursery where a plant breeder labors—possibly for years—crossing varieties according to certain desirable specifications and making selections of the best plants from the cross.

2. Plot testing of a few of the best selections in one-fortieth acre tracts on the experiment station farm at Manhattan, at the branch stations, and on the experimental fields under more nearly normal conditions than the nursery affords.

3. Cooperative testing on farms under actual farm conditions—the real proving ground where the variety must demonstrate its ability under varying circumstances of rainfall, temperature, altitude, insects, and other hazards.

4. Varieties that pass the rigid tests of phases one, two, and three are turned over to members of the Kansas Crop Improvement association to be "increased."

5. The last phase involves distribution of the "increase" to farmers generally in the territory to which the variety is adapted—but only after the harvested seed has been approved for purity and germination.

All along the way the experimenters try to trip up the new variety; make it prove itself over all obstacles. The new variety—or the agronomic practice—that finally is recommended to Kansas farmers must have proved its worth over a difficult path. There lies explanation of the value to Kansas of Kanred, Tenmarq, and Kawvale wheat; of Kanota oats; of Atlas sorgo and Wheatland milo; of

Pride of Saline and Hays Golden Yellow corn; and others in an almost endless list.

MUSIC

Faculty Recital

Unhackneyed freshness of program and brilliance of execution characterized the recital of Max Martin, violinist, played at the college auditorium Sunday afternoon. Mr. Martin was accompanied by Miss Alice Jefferson, pianist, also of the college music faculty.

The first number, "Sonata," by Ippolitoff-Iwanoff, was thoroughly Slav in conception. The grave dignity of the opening, swinging into more wayward rhythms, the weird, triste "Valse melancholique," and the triumphant, trumpet-like movement of the finale were well interpreted by the two artists.

The "Allegro non troppo" from Lalo's "Symphony Espagnole" showed a stormy brilliance and a variety of tone color suggestive of woodwinds and piccolo.

The third group was the most interesting part of the program. The first two numbers, arranged for violin by Franko, were settings of folk music. The Celtic romance of the "Irish Lament" was in contrast with the "Chassidic Dance," which varied from melancholy resignation to an almost frenzied fervor in its moods. Tchaikovsky's "Melodie," a passionate love-duet, was balanced by "Hora Staccato," by Dinicu-Heifetz, a modern composition with abrupt and startling harmonic intrusions in the accompaniment, which was enthusiastically received by the audience. Mr. Martin's technical competence and emotional comprehension were well displayed in his rendition of these compositions.

The program closed with a characteristic Sarasate composition, "Spanish Dance No. 8," played with spirit and fire.—H. E. E.

THE POETRY OF LIFE

Success in living is more than successful housekeeping, more, even than a blind devotion to one's family. As for ourself, when we are being carried out by six of our former friends, we want only to know that they are friends, that they can carry us respectfully and tenderly to that last resting place.

And all of the time we want to be able to say: "Well, we had everything, didn't we? Love, and music, and poetry, and rich paintings—we had them all."

"True, we heard more music in the mocking bird's song than we did from the neighboring band. We heard more music in our babies' voices at play than we heard over any radio. We heard the frog's bass chorus after a rain, we welcomed the song of the cicada every summer."

"We never had much opportunity to read a great deal of poetry written by men, but we've felt the poetry of growing corn, the rhythm of the seasons, the cadence of rain."

"We lived far from art galleries, and only once or twice made a pilgrimage there. But every night the sun sank in undisguised splendor, every morning it rose to a world refreshed and cleansed with the power of the night. The panorama from our bedroom window presented an ever-changing painting, hung on a moody canvas. Spring draped her finger delicately across it, and the view was shot with freshly green grass, with softly budded trees, with canyons dark with water. Summer deepened the green, and time and again drought swept its mark across the picture, whitening the grass and baring the earth to the sun. Autumn, and rains again, and the trees turned in steady glory. Snow fell, and icy winds whipped the trees' bare limbs."

"Love, too—we've known that, in some small measure—known what pain there is for those who love, what mountains, still, of ecstasies."—Ellen Morlan Warren, '28.

TO THE LAST NAKED HINDU

Those who say that it is a sin for farmers to cooperate with the government to adjust their acreage until such time as the last hungry Chinaman is fed and the last naked Hindu is clothed, are appealing to a sentiment deep in human nature. All of us believe this way at heart, but all of us with a vestige of brains also recognize that if the United States produced five times as much wheat and cotton as she does today, there probably would be just as many, and

perhaps more, hungry Chinamen and naked Hindus. In other words, with the world as it is, we have no way of getting the surplus from the United States to the backward nations. The United States, like most of the rest of the world, believes in that old-fashioned profit system which uses the power of the government to prevent increases in imports from abroad. It is false sentimentality for a true believer in the old-fashioned profit system in the United States to urge the American farmer to produce until the last hungry Chinaman is fed and the last naked Hindu is clothed. Socialists and communists can logically object to restriction of production; few others can consistently do so. If ministers and true idealists dislike this judgment, I would suggest that they begin with the really great

tan ranked seventh in the national Saddle and Sirlain club essay contest of 1924. Two other Kansas State college students were among the upper 20 in the contest.

An appropriation of \$200,000 for a women's dormitory at the college was a proposed request to the state legislature by the Kansas Council of Club Women. The three-story structure would house 125 girls.

Vocational instruction for disabled soldiers, a phase of the United States Veterans' bureau work at the college, was to be discontinued when 39 trainees completed their work at the end of the semester. Seven hundred and seventy-three disabled veterans, under vocational handicaps because of war injuries, were sent to the college since the fall of 1919.

The College and the Emergency

From the President's Biennial Report

The economic depression has required that the extension service engage in numerous emergency activities in addition to the long-time extension program. These activities have been extensive and various during the past biennium. A few examples will illustrate this fact.

In fostering the production of gardens as a source of food, particularly for the unemployed, the college held training schools attended by 19,173 persons producing 11,676 gardens in 55 counties. A total of 9,094 families were instructed in the home preparation of more than 3,000,000 pounds of meat. Instruction was provided for 25,274 persons in altering, renovating, and repairing clothing. Canning of relief garden produce was actively aided in 43 counties. Low-cost diets for unemployed families were made for use in 78 counties. These and other relief activities were carried on for or in close cooperation with local and state relief agencies.

In cooperation with the federal government on the agricultural adjustment program, the college provided the educational activities necessary in placing the program in operation in the state. The director of extension was made agricultural adjustment administrator for Kansas. Up to December 31, 1933, this work resulted in the signing of 92,974 wheat adjustment contracts involving 12,000,000 acres of wheat land and benefit payments to contracting farmers amounted to approximately \$7,500,000 up to the end of 1933. Comparable progress had been made by the end of the biennium in the program to adjust the production of corn and hogs.

Other emergency activities involved the programs of the federal government with respect to crop and seed loans, live stock feed loans, and drought surveys. As the biennium closed the efforts of most of the extension staff were concentrated on the problems resulting from one of the most severe droughts in the history of the state.

sinners, the men who close down factories and throw labor out of work. Of course, as a matter of fact, we are all of us victims of a system which places a premium on scarcity rather than abundance. Let the clergy preach from that premise, and we may yet see the problem of want in the midst of plenty wrestled with realistically. Science and modern methods of mass production have given us the promise of a shared abundance, provided we can modify our economic behavior to capitalize on the promise.—Henry A. Wallace in Scribner's.

RESEARCH ROUTED PREJUDICE

For many years packers contended that beef from cattle marketed off of grass was dark colored and that it was difficult to market dark colored beef. This was offered as a reason for a severe discrimination in price that existed against cattle that utilized grass in the process of fattening.

Research conducted at the Kansas agricultural experiment station has proved conclusively that grass does not produce dark colored beef and as a result of these findings the old prejudice against grass beef has practically disappeared as a factor in determining the price of such cattle. It has been estimated that this has added from one to three million dollars annually to the income from Kansas cattle.—Dr. C. W. McCampbell.

IN OLDER DAYS

From the files of The Industrialist

TEN YEARS AGO

Fashions do change—you should see the illustrated article on hats and hairdress for various types of women which appeared in THE INDUSTRIALIST!

Mary Marcene Kimball of Manhat-

TWENTY YEARS AGO

The winter term enrolment at the college was 2,501.

Miss Ula Dow, '05, teaching in Simmons college, Boston, visited in Manhattan during the holidays.

Five combination schools of agriculture and home economics were scheduled by the extension division of Kansas State college. It was estimated the instruction would reach more than 500 men and women in Coffeyville, Mulvane, Lovewell, Fort Scott, and Leavenworth.

THIRTY YEARS AGO

Rebuilding of the front of the First National bank was completed under the direction of Contractor Henry Bennett.

THE INDUSTRIALIST measured 6x9 1/2 inches, a pamphlet of 16 pages. Inside the cover appeared a roster of members of the board of instruction and papers by two or three faculty members were featured. Local notes and alumni items constituted the news.

An art exhibit at Carnegie library was well attended. Works of Leonardo da Vinci, Michael Angelo, Raphael, Rubens, and fine reproductions of other artists were in the collection. Van Dyck's "The Crucifixion" and "Madonna with St. Rosalie" were shown.

FORTY YEARS AGO

Post-graduate students organized a class in German under the leadership of Professor Hitchcock.

Lunches prepared by the cooking department were served daily to student patrons and weekly dinners were offered for faculty members.

Former Governor Hubbard of Texas visited the college and lectured at the opera house on Japan and the

Orient. Mr. Hubbard was United States minister to Japan under President Cleveland's first administration.

A joint committee from the Y. M. C. A. and Y. W. C. A. prepared the first number of a student's handbook. Activities of the Y's included committees to meet new students at trains, an all-college reception, and four union services of the two groups.

FIFTY YEARS AGO

The United States had a population of 50 million.

James G. Harbord participated in a literary society debate. He upheld the affirmative on the question: "The press has more influence than the pulpit."

One of the students enrolled at the college for the first time was from the Indian Territory. Three hundred and fourteen students were enrolled—222 men and 92 women.

SUNFLOWERS

By H. W. D.

ALL OUT OF STEP

One of the pleasantest things about the growling business is—you never run out of grist for the old mill. If your family happens to please you for a day or two, you can "pick on" friends outside the family. Then there are neighbors near and far, and acquaintances new and old. If the members of your own social and economic bunch are behaving so as to please you, you can jump on the millionaires, or the paupers, or the criminal class, or the teaching profession, or the folks in Hollywood. If all these fail, you can go after society in general—all the people in one seething mass. There's never a time they don't have several things the matter with them.

It is to such straits I am reduced today. Society in general has displeased me—all the people in America, at least.

Of course it will be a terrible blow for them to learn of it, if they ever do, and I hate to see them all blue and discontented and eating worms because I don't approve wholeheartedly of what they're doing. But I'm going to speak my mind nevertheless.

The American people, discovering themselves in a twist of economic readjustment, have turned introvert. (There's a 99-cent word that ought to hold 'em for a moment.) They have a sudden, severe case of wondering what on earth is the matter with them. Worse than that, they have found the "wondering" pleasant indeed, much more pleasant than settling down to the accustomed grind of living and letting Nature and Time handle the healing, if healing is what is needed. They are speculating madly about cures. Some say we need a dictatorship and some want communism. Socialism, sovietism, a rigorous dose of the old constitution, inflation, deflation, fascism and countless "isms" have crashed the front page and are still crashing.

This nation by the people has become strikingly like the callow youth in college who can't determine just what career his genius is best fitted for. So he goes in for a long spell of fretting and fuming, changing his curriculum, consulting vocational guiders, and boring his friends and professors with long-winded considerations about fields of endeavor, spheres of influence, and that sort of truck.

I have known several such college youths, and my sad opinion is that they do a more thorough job of wasting time and passing up opportunities than the loudest mouthed "rah-rah" boy who never spends a minute worrying over what college is all about.

I'm beginning to have the same opinion of America's present concentration upon her symptoms and her destiny. I wish she could forget it all for four years and settle down to the prescribed course of training. There may be a lot wrong with that course, but what's wrong can't be righted by the introduction of untried curricula featuring snap courses and A grades for everybody enrolled.

Inspiration is merely a pretty word for the "zest to work," and it can be cultivated by anyone who has the patience to try.—Terhune.

AMONG THE ALUMNI

Frances Rosser, '34, is teaching clothing at Pratt.

Evelyn Reber, '34, is teaching home economics at Ulysses.

Everett J. Price, '19, is managing a creamery at Pawnee, Okla.

Dale Pocock, '33, is teaching commercial subjects at Coffeyville.

Marjorie Pyle, '33, is a technician in Bell Memorial hospital in Kansas City.

Gladys Mellinger, '34, is teaching English and home economics at Powhattan.

Harold O. Dendurent, '34, is editor of a newspaper, the Pioneer, at Johnson.

May Beth Herndon, '34, is teaching home economics and history at Minneola.

R. L. Welton, '23, is teaching vocational agriculture in the Hoyt rural school.

Eleanor (Fryhofer) Webster, '95, is living at 5327 College avenue, Oakland, Calif.

Erma J. Perry, '34, is teaching home economics, physiology, and biology at Chase.

Pauline (Clarke) Guglielmoni, '15, is at 474 Thirty-fifth avenue, San Francisco, Calif.

Philip Asa Barnes, '21, lives at 114 Market street, Dodge City. He is a highway engineer.

G. N. Baker, '27, is teaching vocational agriculture at Grinnell rural high school, Grinnell.

Dr. Cecil Elder, '16, is professor of veterinary science at the University of Missouri, Columbia, Mo.

Lucy E. Nixon, '33, is a student dietitian at the Indianapolis City hospital, Indianapolis, Ind.

Helen V. Brewer, '29, is a nutrition specialist with the extension division of Kansas State college.

Florence Ruth Melchert, '33, is home advisor on the rehabilitation program. She lives at Osborne.

Lieutenant Arthur H. Doolen, '26, is on civilian conservation corps duty at Camp Pittsfield, Pittsfield, Ill.

Victor E. Lundry, '29, is plant engineering assistant for the Western Union Telegraph company at Arlington.

Truman O. Garinger, '22, is head of the department of agriculture at A. and M. Junior college, Magnolia, Ark.

W. W. Coffman, '30, is homestead rehabilitation advisor of Jewell and Mitchell counties. He lives at Manhattan.

Dr. T. K. Toothaker, '15, is practicing veterinary medicine and ranching as a side line near Forsythe, Mont.

Mildred Skinner, '28, is teaching home economics in the senior high school and in the junior college at Fort Scott.

Leland M. Sloan, '32, is county agent of Finney county. He and Dorine (Porter) Sloan, '31, live in Garden City.

D. L. Deniston, '21, is teaching at Northeast high school in Kansas City, Mo. He lives at 328 North Chelsea, Kansas City, Mo.

Edith Ames, '27, recently accepted a position as home economics teacher in the Eastern Navajo school at Crownpoint, N. M.

B. H. Gilmore, '13, is a farmer and stockman near Eldorado. He and Elsie (Swanson) Gilmore, f. s. '11, live on route 4, Eldorado.

Orie W. Beeler, '16, is director of organization for the Iowa Farm Bureau federation. His address is 1011 Thirty-ninth street, Des Moines, Iowa.

John Orville Miller, '34, is homestead rehabilitation advisor with the Kansas Emergency Relief committee. His address is 1234 Clay street, Topeka.

Walter R. Ballard, '05, is an extension horticulturist with the University of Maryland, College Park, Md. He lives at number 1, Luttrell avenue, Hyattsville, Md.

Herbert Floyd Bergman, '05, is senior pathologist in the bureau of plant industry, United States department of agriculture. He lives at 44 Amity street, Amherst, Mass.

Walter B. Balch, M. S. '25, is as-

sociate professor of horticulture at Kansas State college. He also has charge of the floriculture and vegetable gardening work at the college.

Dr. T. J. Muxlow, '30, of the United States bureau of animal industry, has been transferred from St. Paul, Minn., to Butte, Mont. His address is in care of the Y. M. C. A.

Ralph W. Baird, '24, is an associate agricultural engineer, bureau of agricultural engineering, United States department of agriculture. His address is 519 West Shaw street, Tyler, Tex.

Willis Ernest Berg, '11, is an editor in the experiment station, college of agriculture, University of California. He and Huberta Mary (Hall) Berg, f. s. '13, live at 1512 Spruce street, Berkeley, Calif.

Louisa (Dyer) Frey, '14, and her small daughter were college visitors November 14. Her home is in Berkeley, Calif., where her husband, Dr. Jesse Frey, '14, is general sales manager for the Golden State company, Ltd.

C. E. Hammett, '29, is an instructor in mechanical engineering at the Armour Institute in Chicago. Mr. Hammett teaches descriptive drawing and heating and ventilation. He and Ruth (Avery) Hammett, f. s. '29, live at 6417 Drexel avenue, Chicago. Mr. Hammett visited the campus December 28.

Joe Haines, '27, has a position in the newly created telephone directory service department of the United Telephone company in Kansas. This department has complete charge of the preparation and publication of all United Telephone company directories in Kansas. Mr. Haines has headquarters in Salina.

Burr Smith, '26, is head of the department of architecture at the University of Nebraska. Mr. Smith was a member of the architectural faculty at Kansas State college last year. He and Edith (Barrett) Smith, '24, spent the past summer traveling in Europe. They are now at home at 2845 Cedar street, Lincoln, Nebr.

MARRIAGES

HOYER—REEDY

Grace Hoyer, f. s. '22, Marysville, and W. J. Reedy, Chicago, were married July 4 in Chicago.

WOLFLEY—BOCKENSTETTE

The marriage of LuVerne Wolfley and Curtis Bockenstette, f. s. '34, Sabetha, took place September 9 in Kansas City, Mo.

HUGHES—FAULCONER

The marriage of Helen Mary Hughes, '32, and Forrest Malcolm Falconer, '32, took place September 1. They are living in Wichita.

KELLEY—HAYS

Dorothea Margaret Kelley and Garcel Hays, '29, were married September 6 in Kansas City. They live at 4201 Kenwood, Kansas City, Mo.

LYNE—RUSSELL

The marriage of Paul W. Russell, '28, Harper, and Reva Lyne, '28, Solomon, was July 7. Mr. Russell is teaching vocational agriculture at Harper.

MYRICK—EELLS

Mabel (Bennett) Myrick, '15, and Merwin Eells were married September 14 at East Orange, N. J. Their address is 75 Lennox avenue, East Orange, N. J.

JONES—GRACE

Dorothy Jones of Wichita and Tom Grace, f. s. '28, also of Wichita, were married September 22 in Wichita. Mr. Grace is employed by the Sinclair Oil company.

SWAN—NICHOLS

The marriage of Harriett Swan, '33, of Washington, and H. V. Nichols, f. s. '33, took place September 8 in Kansas City, Mo. Mrs. Nichols taught at Gardner the past year.

HOUSER—STROBEL

The marriage of Mrs. Theodore Houser, f. s. '24, and Virgil E. Strobel, f. s. '29, took place September 30 in Dodge City. Mr. Strobel is employed by the Dodge City Parts company.

GANTENBEIN—SMITH

The marriage of Clara Gantenbein, f. s. '34, Elmo, and Glen Ober Smith, Hope, took place September 20. They live at Hope where Mr. Smith is associated with his father in business.

HARKEY—ATKINS

The marriage of Lillis Winnette Harkey, Ft. Scott, and Garland Martin Atkins, '30, took place October 19 in Ft. Scott. Mr. Atkins is associated with the Atkins Insurance agency in Ft. Scott.

OENHAUS—BROWN

The marriage of Dorothy Oenhaus, Elkhart, and Donald Brown, f. s. '31, was September 22 in Elkhart. They live at Elkhart where Mr. Brown is in the wheat farming business with his father.

BEAL—EILERTS

Frances Beal, f. s. '29, Clearwater, and Keith Eilerts, Topeka, were married October 19 in Eldorado. Mr. Eilerts is employed by the Abbott Drug company of Chicago with headquarters in Topeka.

NUZMAN—COLLINS

The marriage of Evelyn Jean Nuzman, '33, and Clarence R. Collins, '32,

LOOKING AROUND

KENNEY L. FORD

Alumni, who have contributed funds to the alumni loan fund either as payments for life memberships in the alumni association or as gifts, should feel gratified that the loan fund is helping many students at this time.

Applications for loans for the second semester received from December 26 to January 12 from sixty-six students total \$3,904.75.

The alumni loan fund is growing more rapidly now than during the black depression days.

The following alumni have completed their payments for life memberships since September 19, 1934: John W. Ballard, '26, Topeka; Emil E. Larson, '29, Kansas City; Eugenia (Fairman) McNall, '10, Madison, Wis.; William F. Pickett, '17, K. S. C.; Galen S. Quantie, '30, K. S. C.; Harry E. Schaulis, '29, Clay Center; Zepherine (Towne) Shaffer, '11, Des Moines, Iowa; Richard W. Stumbo, '31, St. John; and Louis G. Wieneke, '30, Batoum, Russia. We now have 663 paid up life members in the association.

was September 16 at Salina. They live in Hill City. Mr. Collins is supervisor of homestead rehabilitation work in Graham county.

MARISCAL—HACKER

Belle Mariscal and Martin P. Hacker, f. s. '28, were married September 2 in Los Angeles, Calif. Mr. Hacker is employed by the Pacific Coast Paper company. They live at 445 Page street, San Francisco, Calif.

SCARBOROUGH—BECK

The marriage of Goldie Scarborough, '26, Watson, Mo., and Elden Beck, Riley, took place October 17 in Watson, Mo. Mrs. Beck has been teaching in the Keats high school. They live on a farm southwest of Keats.

GIMMICK—ESHBAUGH

Edythe Gimmick and Clifford W. Eshbaugh, '25, were married September 1 in Louisiana, Mo. They live in the Pike apartments in Macon, Mo. Mr. Eshbaugh is employed by the state highway department.

EVERETT—HAHN

The marriage of Helen Frances Everett, Minneapolis, and Louis H. Hahn, f. s. '29, Emporia, took place October 27 in Emporia. They are at home in Minneapolis where Mr. Hahn is in the oil and gas business.

POAGUE—NUFFER

Floyd Poague, f. s. '33, and Orville Nuffer, '33, were married September 7 in Havensville. Mr. Nuffer is employed by the Chicago Title and Trust company. Their home is at 345 South Cuyler street, Oak Park, Ill.

WHITE—WORTHY

The marriage of Eloise White, f. s. '34, Dalhart, Tex., and Claire Worthy, '32, Wetmore, took place September 8 in Manhattan. They are living in Meade where Mr. Worthy is employed by the state highway commission.

FOOTS—BESLER

Ella Fouts, f. s. '34, McPherson, and Robert Besler, '34, Manhattan, were married September 8 in Salina. Mr. Besler is employed in the state highway department with headquarters at Columbus, where they live.

MCCORMICK—SMITH

The marriage of Loretta McCormick, f. s. '30, and C. F. Smith, '32, took place July 21. Mr. and Mrs. Smith are at home at 432 Polk street, Topeka. Mr. Smith is a bridge draftsman for the Kansas highway commission.

RUSSELL—BIGELOW

The wedding of Mabel Esther Russell, '34, and Nelson Levanway Bigelow, Jr., f. s. '31, Topeka, took place July 1 in Manhattan. Mr. Bigelow is employed at McFarland's Number 1 drug store in Topeka. They live at 1008 Harrison, Topeka.

WHARTON—RINARD

Mabel Wharton, f. s. '31, Powhattan, and Clarence Rinard, '31, Salina, were married October 6 in Powhattan. Mr. Rinard is employed by the state fish, game, and forestry commission and with the Wilson Engineering company of Salina.

DAVIS—EUSTACE

The marriage of Anna Marie Davis, f. s. '33, and Clifford Eustace, '30, was September 22 in Manhattan. Mrs. Eustace has been employed by the United Telephone company the past four years. They live on a farm near Wakefield.

MICKLE—BRANDLY

Word has been received of the marriage of Patricia Ann Mickle, Athens, N. Y., and Dr. Paul Brandly, '33, on August 29 in New York City. They are at home in Hollis, Long Island, N. Y., where Doctor Brandly has a small animal hospital.

BURCHFIELD—JOHNTZ

Veenetia Burchfield, Anthony, and John H. Johtz, '32, Abilene, were married September 15 in Anthony. Mrs. Johtz taught music in the Anthony schools for the past year. Mr. Johtz is associated with the Kansas Flour Mills company.

ROEPKE—SCHROCK

The wedding of Lyla Roepke, '32, Manhattan, and Edward Schrock, '28, Wilmore, took place September 1 in Wichita. Mrs. Schrock has been teaching for the past year in the schools of Reading. Mr. Schrock is a government engineer and is working at Coldwater.

REED—JOHNSON

The marriage of Louise Reed, '32,

Manhattan, and Wallace Johnson, f. s. '29, Manhattan, took place September 6. Mrs. Johnson has been teaching in the rural schools near Manhattan since her graduation. Mr. Johnson is employed at the G-R Electric shop. They live at 930 Humboldt.

WAGSTAFF—COBLENTZ

The marriage of Betty Wagstaff, '33, Topeka, and Wesley S. Coblentz, f. s. '34, Marble, Wash., was July 25 in Spokane, Wash. Mrs. Coblentz was director of physical education at Holton high school last year. Mr. Coblentz is manager of the Lazy "S" ranch near Marble, Wash.

FLEMING—DECKER

The marriage of Ann Fleming and Charles M. Decker, f. s. '21, took place July 4 in Manhattan. Mrs. Decker has been employed in the agronomy department of the college for the past several years. They are at home in Colorado Springs, Colo., where Mr. Decker is in business.

VAN HOOK—BROTHERS

The marriage of Virginia Van Hook, '30, and Kirby Brothers of Long Beach, Calif., was September 4 in Glendale, Calif. They are at home in Banning, Calif., where Mr. Brothers is with the Metropolitan Water district of southern California on the Colorado river aqueduct project.

BURSON—WEATHERS

The marriage of Vada Burson, '31, Manhattan, and Vernon Weathers, '31, Great Bend, was September 2 at the home of the bride in Manhattan. Mr. and Mrs. Weathers live in Garden City. Mr. Weathers is district manager of the materials department of the Kansas state highway commission.

HOLT—WHITE

Announcement recently was made of the marriage of Marie Holt, f. s. '34, Manhattan, and A. E. White, Jr., also of Manhattan, on September 4 in Kansas City, Mo. Mr. White will receive his degree in veterinary medicine from the college in June. Mr. and Mrs. White are living at 1743 Fairchild, Manhattan.

VILVEN—KLING

Genevieve E. Vilven, f. s. '28, Wamego, and Lester F. Kling, Clay Center, were married July 5 in Salina. For the past two years Mrs. Kling has taught in the primary grades at Bala. They are at home in Clay Center. Mr. Kling is connected with the B. K. Golden Rule stores of Fairbury, Nebr., and Clay Center.

COLVER—JOHNSON

The marriage of Catherine H. Colver, Manhattan, and Edward G. Johnson, Emporia, took place September 8 in Topeka. Mrs. Johnson is a senior in music education at Kansas State college and Mr. Johnson is a senior in electrical engineering. Both are completing their college work this semester. They live at 1635 Fairchild, Manhattan.

HUSE—MCCAMISH

Announcement has been made of the marriage of Thelma Irene Huse, f. s. '28, and William Hewitt McCamish, f. s. '33, on September 29 in Kansas City. Mrs. McCamish until recently was employed by the Kansas highway commission. Mr. McCamish is employed by the Kansas highway commission in Topeka. Their address is 621 Irvington road, Topeka.

BIRTHS

Harold William Johnson, f. s., and Vivian (Jewett) Johnson, '27, Cleburne, announce the birth of a son, John William, on December 29.

Word was recently received of the birth of a son, Ralph William, on September 30, to Dr. R. W. Hixson, '20, and Mrs. Hixson of Falls City, Nebr.

Edgar Lee Barger, '29, and Carolyn (Grantham) Barger, 915 North Juliette, Manhattan, are the parents of a son, James Edwin, born December 28.

Dr. John H. Rust, '32, and Mary Jo (Cortelyou) Rust, '32, announce the birth of a daughter, Mary Van Zandt, on December 5. The Rusts live at 23 Forest street, Wellesley, Mass.

DEATHS

EELLS

Mrs. Bertha Eells, f. s. '84, of Ventura, Calif., died December 6, a few days after undergoing an operation. She is survived by her husband and one daughter.

MYERS

H. A. Myers, '22, died December 20 from spinal meningitis. Mr. Myers taught vocational agriculture at Wamego. He is survived by his wife.

MOORE

Alyson R. Moore, f. s. '81, died January 3 at his home in Kansas City, Mo. Mr. Moore was one of the oldest former students of Kansas State college. He is survived by one daughter, Margaret, '14; and three sons, William, '12; Edwin, '16; and Harry, '25.

Grad To Study Rubber

C. A. Wismer, '31, formerly a graduate assistant in the department of botany and plant pathology, has been appointed to a position with the Firestone Rubber company. Wismer specialized in plant pathology and later continued with his education at the University of Minnesota. He leaves soon for Liberia in western Africa for two years to study the rubber plantations of the Firestone company. His work will include making a study of plant diseases occurring in this crop and devoting considerable time to methods of production and improvement of the rubber plant.

Davidson at Nevada, Mo.

Geo. J. Davidson, '34, is employed on architectural work for a state hospital at Nevada, Mo.

RECENT HAPPENINGS ON THE HILL

Dean Margaret M. Justin was in Emporia Saturday as speaker for the A. A. U. W. Her subject was "Women of Other Lands."

Prof. Charles L. Morgan of the architecture department spoke to the contemporary thought group Saturday morning on "Recent Trends in Architecture."

Newly elected officers of the senior men's Panhellenic organization are: president, Herbert Beckett, Phi Delta Theta; vice-president, Don Porter, Delta Tau Delta; secretary-treasurer, Leonard Zerull, Phi Kappa.

New pledges soon to be initiated into Alpha Kappa Psi, men's professional fraternity in commerce, are Carl Kirk, Winfield; L. K. Lancaster, Junction City; Fred Bramlage, Junction City; Maurice Gunn, Great Bend; F. J. Rohen, Topeka; K. E. Johnson, Newton; and Wayne Thornbrough, Lakin.

Kappa Kappa Gamma now ranks high in women's intramural standing with 190 points. The X team ranks second with 180, Zeta Tau Alpha and Van Zile hall are tied for third place with 165 points each. Clovia has 120 points, Chi Omega and Phi Omega Pi have 110 each, Delta Delta Delta 105, Pi Beta Phi 100, Alpha Xi Delta and Neophytes 95 each, Alpha Delta Pi 90, and Kappa Delta 70.

ELEVEN SCHOOLS WILL BE REPRESENTED AT ASSEMBLY

Sponsors of Novel Forensic Meet Expect 100 Visiting Students

Eleven schools have definitely indicated that they will be represented by groups of from two to as many as 15 students at the Students' Legislative assembly on the Kansas State college campus Friday and Saturday. Sponsors of the novel forensic meet report that nearly 100 are expected.

A conflicting engagement will prevent Governor Alf M. Landon being the honor guest and principal speaker at the delegates' banquet Friday night. However, the state executive will attend the opening session of the practice legislature to deliver a message, expected to be somewhat like his opening address to the state law making group.

Schools to be represented other than Kansas State college are Bethany, Bethel, College of Emporia, Kansas State Teachers college of Emporia, Kansas Wesleyan, University of Kansas, Washburn, Wichita university, Independence junior college, and Hutchinson junior college.

ORCHESTRA PLAYS DANCE NUMBERS, AN OVERTURE

George Henry Directs College Musicians in Student Assembly

Bright, gay music of the dance ruled in the program of the college orchestra Monday afternoon in the student assembly period. The director was George Henry, who had held the baton this year during Lyle Downey's absence in the Eastman School of Music.

"Ballet Music," by Rameau-Mottl composed the second number: a swaying Minuet, a graceful melodious Musette, and Tambourin, with rhythm accented with tambourine.

Valensin's Celebrated Minuet followed, lyrical and happy. Waldteufel's well known "L'Estudiantina Waltzes" concluded the program.

The opening number, however, was not a dance number. It was Massenet's "Overture 'Phedre'."

Throckmorton Honored

Prof. R. I. Throckmorton, head of the agronomy department, was elected first vice-president of the Manhattan chamber of commerce at a meeting of the directors. He is the only officer who is a member of the college faculty.

Pearce Writes for Magazine

Prof. C. E. Pearce has an article on "Free-Tumbler Gear Trains for Multiple Speeds" in the December issue of the Product Engineer. This article has its beginning in Professor Pearce's new book, "Principles of Mechanism," and is more technical than the book.

FRY SUCCEEDS WALDORF AS WILDCAT HEAD COACH

COUNCIL RECOMMENDS FORMER
IOWA STAR FOR VACANCY

Northwestern Draws Pilot of Kansas
State's First Big Six Championship
Team and His Assistant
Takes Over Reins

Within the space of 48 hours last week-end Kansas State college lost a head football coach and gained another, provided the board of regents approves the recommendation of the athletic council.

Saturday afternoon the Northwestern university athletic council approved the selection of Lynn Waldorf as head football coach there, and Waldorf notified M. F. Ahearn, Kansas State director, of his decision to accept the post.

Monday afternoon the Kansas State board met, accepted with regret the resignation of Waldorf, and recommended the selection of Wesley L. Fry, Waldorf's assistant during the past season, as head coach. The vote of the council was unanimous. Decision as to an assistant for Fry will be reached later.

ALL BIG TEN QUARTER

The new head coach is a graduate of Iowa university and of the University of Wisconsin. He was quarterback at Iowa in 1923-24-25, being chosen all Western conference full-back in 1925. He played two seasons of professional football to earn his way through Wisconsin's law school, graduating in 1927.

Fry then took up law practice in Oklahoma City, and was asked to direct the football team at Classen high school, as a part-time position. In five years his Classen teams won 44 games, lost 9, tied 1.

In 1933 he moved to Oklahoma City university, and his team there won 8 games, losing 1. It was the only team in Oklahoma to defeat Lynn Waldorf's 1933 Oklahoma Aggies.

Fry and Waldorf had been close friends since the days Waldorf coached at Oklahoma City U. and Fry at the high school there.

Last spring Fry definitely decided he preferred coaching to the practice of law, as he found great enjoyment and satisfaction in working with college men at the formative stage, in the open air. On Waldorf's recommendation he was named assistant coach, and the Waldorf-Fry combination piloted Kansas State to its first Big Six title.

AHEARN 'GREATLY PLEASED'

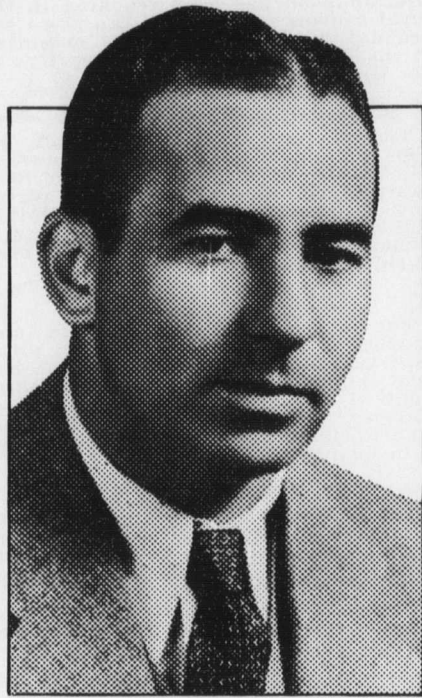
Mike Ahearn expressed himself as being "greatly pleased with the recommendation for the appointment of Wes Fry to succeed Lynn Waldorf as head football coach. Fry came to this institution on the recommendation of Lynn Waldorf but comparatively unknown in a personal way to the athletic council. During the short period he has been a member of the coaching staff, Fry has endeared himself to the players, faculty members, and fans. We all believe that Wes will develop football teams at Kansas State that will win their share of games in the Big Six."

Lynn Waldorf made the following statement: "I have the very highest opinion of Wes Fry both personally and as a football coach and am confident that he is the best possible man to handle football at Kansas State. Wes's playing and coaching experience have ideally fitted him for this step. He knows how to handle boys of college age and I know that his appointment will be extremely popular with our own squad, the athletic staff, faculty, alumni, and other supporters. I have known Wes for the past six years and there is no one in the coaching profession for whom I have a higher regard."

Fry said he was "very happy over the opportunity here, especially since receiving the council's vote of confidence after being here such a short time. It would be difficult to find a place to coach where the athletic policy is as soundly conceived and as wholesomely administered as here. We all regret the loss of Lynn Waldorf, whom I regard as one of the finest coaches in the country, but I feel sure the school, city, and squad are happy for him in his professional advancement and certainly wish him success."

Fry said he expected to make little if any change in Kansas State's style of football, and would make "no changes just for the sake of being different."

Takes Over Reins



WES FRY

"There are several good ways of playing football but all of them come back to the same thing and include speed, hard blocking, and alertness, together with a desire to play football for the game's sake."

Fry is married, has two sons.

Though members of the football squad viewed Waldorf's loss with extreme regret, there was unanimous satisfaction at the availability and recommendation of Fry as head coach.

WILDCATS STILL MIRED IN CONFERENCE CELLAR

Loss Big Six Games to Iowa State and
Kansas, and an Exhibition to Wichita
in Past Week

Still floundering in the cellar of the Big Six conference race, Kansas State's Wildcats lost games to two conference basketball foes and another to a Kansas conference school during the past week.

In a non-conference game January 8 Wichita university was the winner 50 to 34. Returning to conference play the Wildcats were trounced 40 to 14 by the Kansas Jayhawkers Friday night, January 11, a team the Wildcats defeated 39 to 35 in an exhibition game before the holidays. Monday night of this week Kansas State's team passed up an opportunity to pull out of the cellar but suffered a six-minute lapse during which Iowa State outscored them 16 points to 1 at the end of the first half. Although the Wildcats scored 18 points the Iowans won 29 to 25.

Friday night at Lawrence Kansas ran up a 15 to 1 advantage before Jim Freeland made the first Wildcat field goal after 16 minutes of play. The score at the half was 19 to 5, enabling Coach Phog Allen to use reserves most of the last half. Kansas State played without Frank Groves, sophomore center, who had a foot injury. Groves was leading the conference in scoring before the game.

Monday night against Iowa State the Wildcats took the first tipoff. The ball was passed to Tellejohn who rang up two points. Soon after this play Wegner fouled Groves who dropped a free toss into the basket, giving Kansas State a 3 to 0 lead. The Cyclone forwards came back with a pair of field goals to give them the lead.

At the end of 14 minutes of play the score was tied 6 to 6. It was then the Wildcat defense faltered and the visitors scored 16 points to give them a 22 to 7 lead at the intermission. Play of the Kansas State team was far superior in the second half but the Wildcats' best scoring efforts could not overcome the lead.

Basketball Schedule

*Dec. 14—Kansas State 39, Kansas U. 35.
*Dec. 18—Kansas State, 26, Kansas U. 40.
Jan. 4—Kansas State 32, Oklahoma U. 38.
Jan. 5—Kansas State 34, Oklahoma U. 47.
*Jan. 7—Kansas State 27, Oklahoma City U. 36.
*Jan. 8—Kansas State 34, Wichita U. 50.
Jan. 11—Kansas State 14, Kansas U. 40.
Jan. 14—Kansas State 25, Iowa State 29.
Jan. 21—Nebraska U. at Manhattan.
Jan. 26—Kansas U. at Lawrence.
Feb. 1-2—Missouri U. at Manhattan.
Feb. 8-9—Missouri U. at Columbia.
Feb. 15-16—Oklahoma U. at Manhattan.
Feb. 22-23—Kansas U. at Manhattan.
Mar. 4—Iowa State at Ames.
*Indicates non-conference.
Mar. 2—Nebraska U. at Lincoln.

BIG TEN LURES WALDORF AS IT DID 'BO' MILLIN

GOES TO NORTHWESTERN UNIVERSITY
AS HEAD FOOTBALL COACH

Other Attractive Offers Refused but
Professional Advancement Proves
Decisive Factor, He Says
in Leaving

The decision of Lynn Waldorf to go to Northwestern university as head football coach came to Kansas State followers with almost startling suddenness, and developed only after Waldorf had refused tempting offers, financially, from at least three other schools.

Waldorf was willing to stay at Kansas State at a financial sacrifice "as long as the college would have me as its coach," he said, but the opportunity for professional advancement presented by Northwestern was one that he felt he "could not afford to refuse."

"I leave Kansas State with many regrets," Waldorf commented. "This year has been the most pleasant that I have ever experienced. I feel that at Kansas State there is the finest and most wholesome athletic spirit to be found in any school in this part of the country. I want particularly to express to the student body my appreciation for their fine spirit and support this year. I particularly hate to part from the fine group of boys on the squad to whom I have become greatly attached during the time we have been together."

AHEARN PAYS TRIBUTE

Concerning Waldorf's resignation Mike Ahearn said: "Kansas State realizes the worth of Lynn Waldorf as a member of the college faculty, but unfortunately for this school Northwestern university also is aware of his splendid influence with young men and his rare coaching ability."

"His resignation will be received with sorrow by thousands of football fans in the middle-west who have followed his coaching successes both at Oklahoma A. and M. and at Kansas State."

"Northwestern university's athletic council deserves congratulations on its splendid choice. Waldorf has a wholesome attitude toward intercollegiate competition, sincerely believing that football has a place in our educational program, but that it should be kept in its place."

Waldorf will go to Evanston Thursday for a dinner with the Northwestern council, staff, and players. His parents, Bishop and Mrs. E. L. Waldorf of the Methodist Episcopal church, live in Wilmette, a suburb adjoining Evanston. The Waldorfs visited at their home during the Christmas holidays, and Coach Waldorf at that time discussed the Northwestern vacancy with officials there, but returned home with the feeling that he was "one of many" being considered and that some other choice would be made.

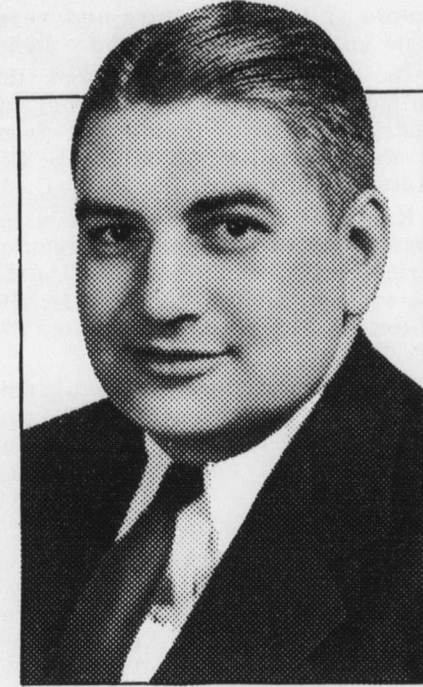
Chicago newspapers persistently classed him as the "leading candidate," however, and last Saturday the Northwestern board made it official.

SECOND WITHIN A YEAR

Within a year's time Kansas State has thus contributed two successful coaches to Big Ten circles—A. N. McMillin to Indiana and Waldorf to Northwestern. Waldorf's regime is the shortest of any Kansas State coach of the past 30 years, but will be long remembered for the first Big Six title ever to come to the campus.

A combination of 75 per cent alfalfa or sweet clover meal and 25 per cent tankage is the most practical winter supplement to use in hog feeding rations in Kansas.

Opportunity Calls



LYNN WALDORF

BIG SIX BASKETBALL STANDINGS

	W.	L.	Pct.	Pts.	OP.
Oklahoma	4	0	1.000	156	123
Kansas	3	0	1.000	115	70
Nebraska	1	0	1.000	32	31
Iowa State	2	1	.557	91	80
Kansas State	0	4	.000	105	154
Missouri	0	5	.000	136	177

GAMES THIS WEEK

Tuesday
Oklahoma vs. Kansas at Lawrence.
Wednesday
Oklahoma vs. Kansas at Lawrence.
Saturday
Nebraska vs. Missouri at Columbia.

COMPULSORY TRAINING COURT ORDER IS DENIED

Student Fails in Attempt to Enjoin
School from Requiring Military
Training

Application of Raymond McMahon, Kansas State college sophomore, for an order to enjoin school authorities from requiring him to take military training, was denied Saturday by Judge Otis E. Hungate of the Shawnee county district court. The case was opened early last fall.

McMahon, a student in the division of veterinary medicine, objected to taking military science and tactics on the ground that he had conscientious objections. He contended he was discriminated against because he had to attend the college in order to get the course he desired; and that in requiring him to take military training the board of regents was violating the state constitutional exemption provided for those objecting to bearing arms.

In his opinion Judge Hungate ruled there was no federal or state constitutional provision prohibiting Kansas from making military training compulsory at the college; that the board of regents had the power to make the training compulsory; that the board had not acted capriciously or oppressively nor had it discriminated against McMahon, and that it could expel a student for not complying with requirements by taking the course.

McMahon, when informed of the court's decision, said he had not made further plans in his fight to avoid taking military training. Ed Rooney, his attorney, was quoted from Topeka as saying he planned to appeal to the supreme court from the trial court's adverse ruling. The state was represented by Roland Boynton, attorney general.

Judge Hungate, in his opinion, said McMahon had not been compelled by the state to attend college.

So-called fly salts do not protect livestock from flies.

NURSERY SCHOOL STAFF OF 5 CITIES IN TRAINING

CHILD CARE DEPARTMENT DEVELOPING 19 FOR PROJECT

Miss McClure Here to Direct Laboratory Part of Intensive Educational Program under FERA—Another Group to Follow

Three wood and wire screens painted a restful green now form a sort of box in each of the two nursery school rooms within each of which o'mornings sits a group of women, note-books and pencils in hand as they watch the 21 children and observe the technique of the child welfare major students and faculty in charge. They are the 19 women of assorted ages and backgrounds who last week started their month of intensive training for the emergency nursery schools of Kansas. Only one of these emergency students is allowed to roam at large in the room, so as to avoid upsetting the regular routine.

Slight as is the barrier between on-lookers and babies in the school, the latter seem to be only occasionally aware of the former's presence.

ANOTHER GROUP NEXT MONTH

Last spring 33 such women were trained here for the state's emergency schools which ran from the middle of March to May 15 and then were dropped for lack of funds. It is expected that another group will be sent here for training next month. At present there are six women from Pittsburg, eight from Galena, two each from Wellington and Parsons, one from Atchison. Each of these five cities had emergency nursery schools last year, set up by Mrs. Leone Kell and staffed by women trained here, and will open them again next month.

The whole program is under FERA and directed from the state relief office in cooperation with the department of public instruction. As Kansas State college is the only institution giving such instruction, it has the task of taking on these unemployed teachers for training. Dr. Helen Ford, Mrs. Leone Kell, Mrs. Helen Fisher, Dr. Dorothy Triplett, all of the child care department, give most of the lectures. Thelma McClure, B. S. '30 and M. S. '32, has been hired for the month to take charge of the laboratory and to assist with other class periods. Dr. Martha Kramer, of the department of foods and nutrition, has been drafted to give the lectures on planning and preparing the meals for nursery school children.

FOR UNDERPRIVILEGED CHILD

"From the viewpoint of the nursery school movement, this emergency program may be unfortunate," commented Mrs. Kell, "for, of course, we know a month's training is far too little. But as an emergency measure and from the viewpoint of the underprivileged child who is thus reached it is fine. Last spring, for instance, I came across one child who had to have eight different servings the first day he came—he was that near starved!"

WICHERS ON LEAVE TO AID IN FEDERAL HOUSING PROGRAM

Kansas State Faculty Member Made a
Regional Director

Prof. H. E. Wichers of the department of architecture left January 15 for Washington, D. C., on a three months leave of absence to work in connection with the federal housing administration.

Mr. Wichers returned January 8 from Washington, D. C., and Des Moines, Iowa, where he attended meetings in the interest of the federal housing administration. He is regional director of the rural program of this organization for Kansas and Nebraska. Oscar Ekdahl, who was graduated from Kansas State college in 1933, will carry on Professor Wichers' work during his absence.

Testing New Cement

The highway materials laboratory of Kansas State college has started a series of tests on a new cement which will require two years for completion. This cement, called T. D. A., is much more durable than ordinary hard cement. It is ground finer through a new process and is only slightly higher in price. It was used by the state highway department in building a road near Belleville. The road will be observed as to wear and service.

PROGRESS OF KANSAS PRESS F. E. C.

The Ellsworth Reporter—Ned and Harold Huycke, publishers—is now in its sixty-fourth volume.

A strong feature of the Fort Scott Scott Tribune-Monitor is the column, Farmers and Farming, edited by H. V. Cowan. Farm activities around Fort Scott are summed up in this department. George W. Marble, Jr., is editor of the Tribune.

Clay Reppert, '34, and Nelson Reppert, '34, print in their Osawatimie Graphic-News a department, Here and There in Osawatimie Trade Ter-

ritory, by R. A. Glass, field representative of the Graphic-News. Farm news is featured and handled well by Mr. Glass.

The Republic City News is no more. Grafton Nutter printed the last issue last week, announcing removal of the News plant to Belleville, where the paper will be printed as the Republic County News. Nutter has published the News for 27 years. Other former editors readily recalled are Gomer T. Davies, who gave the News prominence in the eighties, Tom Charles, D. A. Davies, and Homer Clark.

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Number 16

FOUNDERS' PROGRAM ON N. B. C. BLUE NETWORK FEBRUARY 16

FARMERS, HOME MAKERS MEET HERE NEXT WEEK

DESPITE DROUTH MANY PRODUCTION TITLES ARE OFFERED

President Farrell Extends Invitation to Rural People for Program of Inspiration and Information of Value

With Kansas State college as their host, Kansas farmers and home makers will gather here February 5 to 8 for the educational and inspirational features of the annual Farm and Home week.

Despite the drouth the program will include the awarding of many production championships. There will be a blue ribbon seed corn show, three poultry championships, the regular bee production championships, and premier seed growers will be chosen.

COLORFUL SPEAKERS ON PROGRAM

Speakers will be colorful and outstanding. They will include a representative of the Chicago board of trade, a sheep herder from South Dakota, a farm wife from Montana, a dairyman from Texas, the state home demonstration leader of Arkansas, and the editor of Hoard's Dairyman. Speakers for each of the sessions include individuals who are outstanding in their fields.

"The 1935 Farm and Home week program has been planned to consist mainly of discussions of agriculture and farm life on a long-time basis and of entertainment of a permanent nature," Dr. F. D. Darrell, president of the college, wrote in the foreword to the 20-page program covering the four-day meeting.

FARRELL EXTENDS WELCOME

"It is assumed that the emergency of which everybody has been thinking for several years will give way gradually to more regular, more stable, action and thinking. The Farm and Home week program has been prepared on this assumption.

"Farm and Home week always attracts people from every part of the state. It offers excellent opportunity to rural people to obtain inspiration and information of value in making farming more profitable and farm life more satisfying. Those who attend are leaders in their respective communities. It is a pleasure to extend to you a cordial welcome to the 1935 Farm and Home week and to assure you that you will find the event interesting, profitable, and refreshing," Mr. Farrell declared.

PLANT EXPLORERS BRING SEEDS FROM TURKESTAN

Plants of Value in Soil Erosion Control in Southwest Found by Alumnus and Companion

After searching the deserts and foot hills of Russian Turkestan and most of Turkey for plants to control soil erosion, C. R. Enlow, B. S. '20, M. S. '27, and a companion, H. L. Westover, plant explorers for the United States department of agriculture, have returned with about 1,800 lots of seeds after an expedition lasting seven months.

Because of the unusual adverse conditions for plant life where much of this seed was collected, it is believed that plants of real value for the great plains area and the southwest will be found in the collection.

Most of the collections represent grasses or legumes which form a thick turf close to the ground. Others represent shrubs whose root system looked promising as soil-binders. Seeds from a few trees also were brought back. Most of the seed lots came from plants that are edible by livestock, but this quality was not regarded as of principal importance in making selections.

Officials of the Soviet government gave the explorers every possible assistance. Botanical experts were able in almost every instance to give all

the necessary information concerning the plants of the regions visited. This information made it possible to avoid plants that are poisonous or otherwise undesirable.

Officials of the various republics supplied automobiles, horses, and camels to transport the exploration party over Turkestan. Turkish government officials likewise cooperated in every way.

FARM BUREAU WOMEN OF STATE CANNED MORE MEAT

'Average' Woman Has 41 Quarts Canned and 146 Pounds Cured Meat on Basement Shelves

Forty-one quarts of canned meat, flanked by 146 pounds of cured meat, now stand in neat rows along the cellar or basement shelves of the "average" farm bureau woman in Kansas—fruits of her 1934 labors in carrying out the organization's live-at-home slogan. That is 28 quarts more than she "put up" and four pounds more than she cured last year.

That is the report recently made by the state home demonstration agents, now back at Kansas State college, terminating the year's work.

Having thus saved the farm's meat surplus, this "average" farm bureau woman doesn't merely open a can these crisp winter days and warm up its contents for her hungry family. She has profited by her "unit" lessons on meat preparation which stresses interesting ways of cooking the less tender cuts, of concocting tasty dishes with the meat as the prime ingredient.

Back of the state canning project in this and other years have been the nutrition specialists from the Kansas State college extension division, who have held county training schools for leaders of the various farm bureau units.

And back to these nutrition specialists is the resident home economics staff of the college, checking all material used for lessons in leader training schools, to see that the information therein is in accordance with the newest findings in research work done in their own laboratories and those in other home economics schools.

The farm woman's attitude toward the nutrition schools was expressed typically by Mrs. Court Benninghoven, leader of the Fox Creek unit in Chase county.

"The home demonstration agent is invaluable to us farm women," Mrs. Benninghoven declared. "She brings us the latest information discovered by research. Through her we can keep abreast of the times and know how best to meet the various problems of home making."

Three New Courses Offered

The department of physics announces two new courses and the department of mathematics announces one new course to be offered second semester. One of them, descriptive physics, will be taught by Prof. George Maxwell. The other course is designed for advanced students or graduates and will be taught by Prof. Eric Lyon. The new mathematics course, higher algebra, is designed for those who wish to extend their mathematical training beyond the usual freshman subjects. Prof. C. F. Lewis will be the instructor.

Wildin Gets Results

G. W. Wildin, '92, consulting engineer, Westinghouse Air Brake company, Pittsburgh, Pa., shows what alumni can do toward using their influence in behalf of our Founders' day radio program. The following telegram was received at the alumni office: "Interviewed KDKA officials today. They said to give you absolute assurance that our Founders' day program will be broadcast over both KDKA and W EIGHT X K. Letter to follow. Any additional instructions.—G. W. Wildin."

COMMITTEE ASKS FUNDS TO PURCHASE CURRY OIL

UNUSUAL OPPORTUNITY FOR ADDITION TO COLLEGE COLLECTION

Outstanding Kansas Artist Is Not Represented in State's Individual or Private Collections—Relatives Attended Kansas State

Employees, alumni, and friends of the college are being asked this week to contribute to a fund for the purchase of an oil painting by John Steuart Curry, Kansan who has been called the "Homer of Kansas" by the New York Times. Curry is a native of Jefferson county.

A special committee with Dr. R. C. Langford as chairman, and including in its membership Dr. J. T. Willard, Colonel John Sullivan, Miss Margaret Ahlborn, Mrs. R. A. Seaton, Mrs. S. M. Paddleford, Miss Helen Hostetter, Miss Amy Kelly, W. H. Riddell, A. F. Peine, and Ashley Monahan is in charge of raising the necessary amount. Doctor Willard is treasurer.

Curry's paintings are in several important collections, and in 1933 he won the highest award given to any American at the Carnegie International exhibition. He is one of the country's best known painters of the American scene, especially of Kansas themes, and the frequent comment which appears in magazines and newspapers usually concludes with the phrase, "But Kansas does not appreciate Curry, as no Kansas individual or institution has one of his oils."

Because of the fact that Curry's mother, sister, and other members of the family have attended Kansas State; and because of the fact that this college gave an exhibition of his a friendly reception when he was less well known than now, the artist has offered to make a concession to any group purchasing a painting for the college.

The sum of \$400 is needed in addition to funds obtained through co-operation of the Friends of Art, and it is this amount which the committee is seeking. Contributions should be sent to Doctor Willard.

GOVERNOR LANDON SPEAKS AT LEGISLATIVE ASSEMBLY

Sixty-five Delegates from Eight Colleges Attend

Governor Alf M. Landon delivered the governor's message to the mock "legislature" at the opening session of the student legislative assembly in Recreation center January 18 and 19. The governor was introduced by Hal Harlan, Manhattan, attorney and former speaker of the state house of representatives.

The assembly represented a law-making session modeled after the state legislature now in session. Students heard debates, appointed committees, and read and passed on bills recommended. Sixty-five delegates representing Kansas State Teachers college of Emporia, Sterling college, University of Kansas, Friends university, Bethany college, Washburn college, Kansas Wesleyan university, and Kansas State college heard Governor Landon's executive message.

Weber Heads Block and Bridle

A. D. Weber, professor in the department of animal husbandry, has been elected national president of Block and Bridle, a departmental club which has local chapters at practically every leading agricultural college in the United States.

Gore Gets Assistantship

Linn Gore, '33, writes to Prof. A. J. Mack, of the mechanical engineering department, that he has been selected by the Iowa State college for a graduate assistantship in mechanical engineering. Mr. Gore was one of the outstanding students in mechanical engineering in his class.

Design New Devices

E. C. Graham, W. W. Carlson, and L. S. Van Scoyoc, of the department of shop practice, have worked out a new design for an all-steel locker with an improved locking system. They are planning to make two now for the use of the department and expect to make more in the future. They also have worked out a new design for two sizes of fireproof trash cans to be used on the campus.

MATTHEWS TALKS ABOUT MEXICO—ITS ART, PEOPLE

Tells Experiences of Three Trips to Land of Sports, Play, Terrible Cookery

Mexico—"land of music, of play, of sports, paradise of the archeologist and the geologist—land of unbelievable ignorance and superstition, of appalling diseases, and terrible cookery"—that country was the subject of a talk by Charles Matthews the night of January 21 in the Anderson hall art lecture room. It was sponsored by the art and travel section of the A. A. U. W.

Mr. Matthews has taken three trips to this country and declared, "I love it and want to go back." He spoke of the upper class Mexicans' dignity, politeness, and reserve especially when in contact with Americans with a superiority complex, of their hospitality toward those who are accepted. The Peon he spoke of as kindly, lovable.

As to the anti-Catholic movement of the country, Mr. Matthews reported that it seemed to him last summer that it was easing up. "Mexico will be Catholic or she will be atheistic," he declared. "She'll never be Protestant."

He gave advice to tourists, information as to hotels, currency, prices, the advisability of "bargaining." He urged getting vaccinated against small pox, typhoid, and para-typhoid, and advised tourists to take along a supply of quinine as assurance against malaria. There are no dangers off the main traveled roads, except those of nature—bridge wash-outs, hurricane winds, violent summer storms. He gave a list of books as helpful reading for those planning a trip into Mexico.

In conclusion he showed and discussed the art work of the country.

IMPORT AND EXPORT TRENDS ON FARM-HOME PROGRAM

Effect on Kansas Farming To Be Discussed February 8

Trends in imports and exports of farm products and their effect on Kansas farming will occupy the attention of Farm and Home week visitors at Kansas State college during the agronomy program February 8. A featured speaker on that day will be Clarence Henry of the Chicago board of trade, who will discuss import and export trends.

Among the other topics on the program for the meeting of the Kansas Crop Improvement association February 7, and Agronomy day, February 8, are the controversial subject of the shelterbelt, the farm seed situation, Clarkan wheat, pasture re-establishment, and the spring management of wheat pasturing.

Both the pasture and seed problems are of especial importance to Kansas this spring, states L. E. Willoughby, college extension service crops specialist, who adds that the material to be presented at Farm and Home week will be of practical value to farm planning.

Faculty Men to Kansas City

Linn Helander, A. J. Mack, B. B. Brainard, and A. O. Flinner of the engineering faculty attended a meeting of the American Society of Mechanical Engineers in Kansas City Friday night. An illustrated talk on the Boulder dam construction was included on the program.

ANNIVERSARY BROADCAST WILL COVER THE NATION

ALUMNI ASKED TO CONTACT STATIONS IN THEIR REGION

Music, Brief Talks, and Dramatization of Academic Work, Research and Extension To Be Included on Half Hour

Dramatization of college academic work and social activities, 15 minutes of college songs and instrumental music, historical and descriptive matter concerning the land grant college system of which Kansas State college is a member, and a brief talk by President F. D. Farrell, will be included in a 30-minute radio broadcast over the N. B. C. blue network from 8:30 to 9 o'clock, eastern standard time, the evening of February 16. The program will celebrate the seventy-second anniversary of the founding of Kansas State college.

The entire program will originate in the studios of radio station KSAC on the third floor of Nichols gymnasium on the campus. The campus setting and the individuals to appear on the program will, of course, be of special interest to the 10,000 graduates and other thousands of former students of Kansas State college. However, the entire program will be of a nature which should be of general interest to radio listeners.

ALUMNI URGED TO ACT

Alumni throughout the country are urged by Kenney L. Ford, alumni secretary, and by members of the program committee, headed by H. W. Davis, to communicate immediately with their favorite radio station and with other stations in the N. B. C. blue network in their territory. These stations should be urged to carry the Founders' day program on their stations. Unless alumni and others indicate a desire for the program some stations may use a local program instead of the sustaining N. B. C. network program.

Alumni in the western half of the United States should write to station WLW, Cincinnati, or other stations which reach them, since the westernmost station on the blue network is WREN, Lawrence, Kan. Such requests should be made immediately in order that the necessary arrangements can be made.

FAMILIAR SONGS INCLUDED

At least half of the broadcast will be of high class music and dramatic entertainment, instrumental music and the singing of college songs. The Alma Mater and Wildcat Victory are two of the familiar songs which will go out to alumni throughout the country. Dramatizations are to be separated by brief interludes of music.

Alumni are urged to tune in and to write or wire the alumni office with greetings and comments. It is hoped that several alumni meetings and radio parties will be arranged.

MATHER GETS \$1,000 AWARD IN EXTENSION MARKETING

Agricultural Economics Graduate of 1934 to Assist Rucker and Fox

J. Warren Mather, '34, has received a thousand dollar scholarship offered by the Farmers National Grain corporation through the agricultural economics department of the college and the college division of extension.

Since his graduation in agricultural economics last spring Mather has worked in the Bank for Cooperatives at Wichita and on home-stead rehabilitation work in Hiawatha. Mather, who will be assistant to Vance Rucker and Glenn Fox, extension division marketing specialists, will be working on cooperative elevators of Kansas. The project is to be carried out cooperatively by the grain corporation, the college department of agricultural economics, and the extension division.

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WEDNESDAY, JANUARY 30, 1935

QUIBBLING WHILE ROME BURNS

Time spent quibbling about examinations at the recent student-faculty forum—how quizzes should be wrapped, tied, and delivered—reveals an illness of our college and university system.

The sincere student who is spending his energy, time, and money in higher education because he is eager to learn all he can by developing his thinking mechanics and applying his knowledge has little difficulty with quizzes. But it is unfair to him to waste his time with frequent examinations and the customary "sponge" lectures and "tag" recitation classes. Such educational methods result because the professor consciously attempts to shove a college education into the unwilling heads of every taxpayer's son and daughter.

Some roots of the problem lead to doorsteps of well-meaning parents who believe their offspring are eager to study and have the ability to think. These fathers and mothers unwittingly furnish the money and expect it to buy education for their children. Such so-called college students have no right to exploit their parents and other taxpayers by attending a state educational institution purely for a good time. Even the fond parent must admit that his son or daughter could have a more enjoyable time loafing in a pleasure resort.

The objection to drastic entrance examinations in state supported schools still seems valid as being undemocratic. However varied their high school training, students should be given the privilege of entering the university and proving that they can adjust themselves to their new environment sufficiently to profit by the opportunities there. One or two years, though, should be sufficient time for them to orient themselves and reveal their intentions and abilities. Yearly examinations and a modified European plan of study might well be instituted in the upper class year.

With the coming of such a change, perhaps students and faculty could study and discuss political, economic, and social affairs intelligently and cooperate in a search for more effective methods of adjustment to life in our time. That is not the picture we find today—faculty and students making faces at each other over the trivial questions of how and when exams should be given.

LO, THE POOR CONSUMER

Mrs. Brown had to buy some sheets for the family, and the question of what brand to buy had drawn her forehead into a puzzled frown. Her neighbor believed Excelo sheets the best; yet a thrifty cousin insisted that her last Excelos hadn't worn as long as the High-ho ones, which on the other hand she herself had found unsatisfactory.

Clerks, of course, would be of little help. And she couldn't write to the home economics specialists at Kansas State college for information because they aren't permitted to recommend any one brand by name. To do so would bring down upon their heads the denunciation of every shop-keeper in the state who carried the sheets of rival manufacturers. "Our taxes support that college! Now

they try to ruin our business!" they would cry out indignantly. No, the home economics specialists must stand by and let the consumer be sold inferior products under deceiving labels and make no sign.

Moreover, one firm's sheets this winter may be an excellent buy and next summer's output be inferior. There is no nationally accepted standard for manufacturers to measure up to. A sheet with crosswise threads which will stand 50 pounds pull, but whose lengthwise threads can stand only 20 will obviously wear out sooner than one with both-way threads able to stand, say, a 40 pound pull. But both look the same to the shopper and probably carry the same price tag.

It's the same story with blankets intensified by the wool-cotton problem, and with practically everything on the market.

The only help for the consumer is to back the federal bureau of home economics in Washington in its fight for a law laying down specifications for A, B, C, and D, and still lower grade products and requiring honest, specific labeling. Foodstuffs, as well as textiles, could have dependable labeling to guide the consumer so that if she pays an A price she can be assured of grade A products.

Many manufacturers are fighting such a law. If their powerful influence is to be overcome, consumers must organize to demand this aid. When consumers overcome their inertia enough to get their federated women's clubs, their farm bureau women's units, their P. T. A.s and other organizations to demand standardization of products, standardization will come.

ART

Hunt's Oils

Stanley P. Hunt's oils exhibition, which has been held over for an extra week's showing here, has aroused considerable interest among campus art lovers.

Hunt is certainly an individualist, one who loves the American Rockies and stubbornly insists in treating them in his own way—a brilliant way, with raw color put on with vigorous strokes. "Garden of the Gods" is an arresting study in contrasts; a shaft of pinkish yellow rock standing in bold relief against a dark cloud—upjutting beside it a dark peak against a light patch of sky.

"Pike's Peak from Monument Valley" is a lovely green monochrome, beautifully and faithfully indicating the various tree "textures" and formations and carrying the eye irresistibly back to the distant peak.

"Path of Life" is an interesting study in distortion; so, too, is "The Brickyard" with its crude colors, its angular and round forms. Hunt has developed rapidly since his student days at Kansas State college.

During Farm and Home week an exhibition of student work will be up in the gallery of the department of architecture, displacing the Hunt oils. February 11 an exhibition of American oil paintings, sponsored by the Kansas State Federation of Art, will be hung for a two weeks showing.—H. P. H.

FOR AVERAGE PEOPLE

High schools and colleges are being pressed to provide facilities for the increasing numbers of young people who want to attend because they cannot find employment.

Admiring the ambition of these boys and girls, I wonder if educational institutions are giving them what they most need. Our high schools and colleges are still, for the most part, devoted to preparing for the so-called learned professions: law, medicine, teaching, research, literature, engineering, the ministry. It is true that an increasing proportion of graduates do not enter these fields, but the courses are constructed with an eye on the professions. Anyone else may take them—and get what he can out of them.

In other words, our education, based on tradition, is planned for persons whose main interests are intellectual. My experience as a teacher convinces me that not more than one out of four college students is concerned mostly with intellectual matters. In the population at large, the proportion is even less.

What bearing have these facts on the present situation? Just this. The young people who plan on going to high school and college because there is nothing else to do are not intel-

lectual people; if they were free to choose between school and a job they would take the job. That is no criticism of them; there are many things quite as important as intellect. Rather, it is a criticism of our schools and colleges. These institutions are not providing adequately for students whose interests are outside the traditional fields. Trade, technical, and business training is poorly given in most of the institutions that attempt it at all; the effort too often is half-hearted. There is one exception—agriculture. This subject is usually well taught. The existence of this exception shows that education can be successful in fields in which the average person is interested.

Instead of providing greater facilities for giving young people what most of them cannot use, why should we not offer them subjects which they

E. L. Holton, director of the summer school.

Manhattan's back yards, front yards, barns, and houses were to be judged by a class of 64 girls taking a college course in household sanitation. Later a survey of Manhattan grocery stores and laundries was to be made.

Emphasis was laid on the part college men and women may have in cultivating sound and enlightened public opinion, by Dr. David Franklin Houston, United States secretary of agriculture, when he addressed faculty and students of the college.

THIRTY YEARS AGO

One of the most interesting laboratories was Professor Walters' new modeling shop. The class in clay and plaster modeling numbered eight

Engineers and the Social Order

James Bryant Conant, President of Harvard University

It seems clear that, whatever sort of social and economic order lies ahead of us, society will demand the luxuries and conveniences afforded by modern technology. There are certain to be engineers for generations to come, occupying positions of respect and importance in the community, no matter what sort of social order we may have. These scientists may be in a strategic position of influence; much may depend on the way they look at life.

It is conceivable that a type of society might arise in which there would be great material prosperity and a highly developed technology but no spiritual and intellectual freedom. Under such stifling conditions all vital interest in art and literature would fade and enthusiasm for pure thought would vanish; what would remain would be a barbarism which all the radios and automobiles and skyscrapers in the world would not conceal. In such a desert, the applied scientists, essential for a smooth operation of the complex mechanism, might be the only men with a true education.

The monks in the dark ages preserved the remnants of one civilization to enable another to come to life. Perhaps, in some measure at some time, the scientist and engineer may have a similar challenge. Thus a heavy responsibility lies on the shoulders of engineers and scientists and those who educate them. Today in many institutions we are developing men who understand not only their technical professions but also the needs and aspirations of the human spirit.

can understand and practice in daily life? I do not mean to suggest technical training and nothing else, but rather technical training plus such a realistic approach to government, science, art, and other subjects as the average person is capable of making.—Nelson Antrim Crawford in The Household.

IN OLDER DAYS

From the Files of The Industrialist

TEN YEARS AGO

Prof. Araminta Holman, head of the department of applied art at the college, was granted a semester's leave of absence to study in Paris.

After losing its opening tilt to the Cornhuskers, the basketball team won the next three games—from Kansas university, Ames, and Drake.

John Gartner, Manhattan, was named editor of the Kansas State Collegian, Alice Paddleford, Parsons, was made managing editor, and Kenneth Chappell, Manhattan, business manager.

Plans for the proposed library building were completed by the department of architecture. Appropriation for the new Gothic-style building was to be requested of the state legislature.

The college junior stock judging team took second place in the student judging contest at the National Western livestock show in Denver, Colo. Mary Haise, Manhattan, the first girl ever to represent the college on a stock judging team in intercollegiate competition, ranked second in individual ratings for the entire competing group.

TWENTY YEARS AGO

Instruction in poultry and bee-keeping were two new courses to be offered by the college extension division.

Each summer school credit meant an expense of \$1.49 for teachers' salaries, according to a report by Dr.

students, all in the architectural course.

Claude B. Thummel of Marshall county, senior, received appointment to West Point from the fifth congressional district. This was the third time within the last year that the honor was granted to a member of the college battalion.

FORTY YEARS AGO

Eleven new members were approved for membership in the Y. M. C. A.

Two live opossums, purchased by Professor Popenoe of the entomology and zoology department, upset a jar of fishes preserved in alcohol and got drunk on the contents. One opossum died.

"Debt is the greatest curse the American farmer has to contend against today," declared G. H. Turner, in The Clover Leaf, a reprint of which appeared in THE INDUSTRIALIST. He advised the farmer to stay out of debt if he wanted to be a free and independent American citizen, instead of a tenant or a hireling.

FIFTY YEARS AGO

The average salary of all college professors in the United States was \$1,530, but many of them had residences furnished in addition, and others received board and lodging in college dormitories.

The school population of the United States was 16 million, of whom 10 million were enrolled in public schools. The number of public school teachers was 290,000, and the annual expense of the schools was about 91 million dollars.

TREE CUT DOWN

May Williams Ward in Poetry

Yes, you can kill a tree
But it's hard to kill it.
Fell it, yet the stubborn
Stump will remain—
(And a heart cut down will live
On a root of pain)—
And shoots will spring,
In a season named for that urging,
From the broken stump
And the broken heart, again.

I WILL LEAVE THIS HOUSE

Joseph Auslander in Harpers

I will leave this house, being tired of this house
And too much talk;
I will walk down to the sea where the wind blows
The waves to chalk,
And the sand scratches like a silver mouse.
I will leave everything here and walk.

I do not know why grass like golden leather
Whipped into strings
Should quiet the heart, or why this autumn weather,
This salt that stings
My eyes and eyelids should heal me altogether—
I do not know the reason for such things.

I only know that there are walls that harden
The eyes and brain;
I only know words hiss and hurt and pardon—
Only to hurt again;
And that the sea is like Death's emerald garden
Dripping with silver wind and silver rain.

SUNFLOWERS

H. W. D.

MERELY UNEASY

I first became interested in knitting when, as a mere lad, I read Dickens' Tale of Two Cities and learned how the harpies of the French revolution made socks and things while the aristocrats lost their heads. Those women knitted gaily while their husbands snipped heads off with big, swift knives—and kept count of the heads.

I remember, too, the knitting during the World war and the angular socks, wrist warmers, and sweaters that came of it. I've always respected those World war knitters because they never claimed afterward that they alone won the war. They were the only group even remotely connected with the conflict that didn't ask credit for having brought it to a glorious end.

With all this background I ought to be able to look with composure on the current plague of knitting; but I'm not. I am sure it is being done with neither a murderous nor a charitable intent (see paragraphs one and two); and there's nothing about it so far to alarm me—or even anybody who loves being alarmed. But I'm uneasy nevertheless.

Within the last month or so I've discovered women knitting at recitals, lectures, dances, and games, and pink teas. They knit in parlor, bedroom, kitchen, and bath, at work and play, at dawn, noon, twilight, and midnight. Lately I have begun to wonder if it's not just a recurrent indication that the sex is essentially domestic and home-loving and not fitted for business and the professions, and other bigger things. Maybe that's what makes me uneasy; for having been an ardent feminist—perhaps I'd better say a feminism fan—since feminism rose to its hind feet and began trumpeting. I sort of feel let down.

I hope nothing comes of this present knitting madness—I mean nothing more than a few sprawling neckties, dejected hats, and coats and skirts that look well enough when you consider that she had not knitted before and perhaps never should have started. I don't want this wave of knitting to draw women back into the home until she has fully proved she can handle banking, preaching, legislating, aviation, professional football, horse-racing, and chiropractic as well as man, her brother, can.

To be brief—at least as brief as I can and complete this column—I see in the present trend back to the needles an insidious threat to the glorious cause of feminism. And I call on the leaders of women—those girls who have got places in politics, business, and the professions—to warn their sisters that domesticity is again lurking at the gates of the citadel of equality with intent once more to enslave the fair sex in that prison called home.

But maybe I'm getting all wrought up over nothing. It may be I've only been trying to play bridge with a knitter for a partner. Or perhaps I've sat on a couple of knitting needles more times than one. If a fellow will let himself, you know, he can get terribly aroused over things like that, things that amount to nothing when you get used to them.

Old friends are best. King James used to call for his old shoes; they were easiest for his feet.—John Selden.

WILDCATS BEGIN CLIMB IN BIG SIX BASKETBALL RACE

LAST WEEK'S GAMES DEVELOPED THREE-WAY STRUGGLE

Kansas State Defeats Nebraska 47 to 41 To Get Out of Cellar but Loses to Kansas Jayhawkers 43 to 37

BIG SIX BASKETBALL STANDINGS

	W.	L.	Pct.	Pts.	OP.
Oklahoma	5	1	.833	215	199
Kansas	5	1	.833	234	166
Iowa State	3	1	.750	129	107
Nebraska	1	2	.333	104	107
Kansas State	1	5	.167	189	238
Missouri	1	6	.143	195	246

GAMES THIS WEEK

Friday and Saturday—Kansas State vs. Missouri at Manhattan.

LAST WEEK'S RESULTS

Kansas 43, Kansas State 37.
Kansas State 47, Nebraska 41.
Iowa State 38, Missouri 27.
Nebraska 34, Denver 22.

Kansas State college broke into the Big Six basketball victory column in its fifth start last week by defeating Nebraska 47 to 41 but failed to climb farther out of the cellar Saturday night, losing to the champion Kansas Jayhawkers 43 to 37.

Saturday night's game developed a 3-way race for the championship when Kansas went into a first place tie with Oklahoma by defeating Kansas State, and Iowa State strengthened its hold on third place by winning from Missouri.

TWO GAMES THIS WEEK

There will be no opportunity for the three leading teams to improve their positions this week, since the only conference engagements bring together Kansas State and Missouri in a 2-game series in Manhattan Friday and Saturday. Although the Wildcats are only a half game out of the cellar they will have a chance to step ahead of Nebraska and into fourth place by taking both games from the lowly Tigers. This apparently is more than a possibility, judging from the greatly improved showing the Wildcats made against the Big Six champions Saturday night.

Against Nebraska last week Kansas State's starting five played the entire game. "Long Jim" Freeland led the scoring with seven field goals and three free tosses for 17 points. At half time Kansas State led 23 to 18. Nebraska remained in the ball game all the way, but Groves, tipping at center, gave Kansas State the edge through possession of the ball.

A second period drive, led by Gordon Gray and Ray Noble, carried the University of Kansas to its 43 to 37 victory. The game was a free scoring exhibition with Kansas State taking an early lead, losing it later in the first half and then clinging to the heels of the Jayhawkers until midway in the last period.

KANSAS FREE THROWS WIN

Big Jim Freeland, who was high point man, and Groves, tall center, matched points with Ebling and Wells of Kansas throughout the first half which ended 19 to 17, in favor of Kansas. Seven free throws scored

by K. U. was all that kept the defending champions in the game in the first period. The Jayhawkers missed only one free throw out of 14 in the entire game to give them their 6-point margin of victory.

Groves and Freeland sent Kansas State out in the lead early in the game and with only five minutes to go in the first half, the Wildcats led, 15 to 14. But Dick Wells scored a goal under the basket and added two free throws to push Kansas ahead.

Groves and Railsback opened the second period with two long baskets, and after five minutes of play Kansas State led 21 to 19. Then Gray took charge of affairs. Whipping the ball with remarkable speed he started the Kansas offense on a 12-point scoring drive. Kansas led, 31 to 21, and from then on was never headed off.

Kansas State staged a final rally, led by Freeland and Gilpin, a fast moving substitute guard, but it fell six points short.

STANLEY WILLIAMSON IS NEW ASSISTANT COACH

O. C. U. Mentor, Captain of 1931 Trojans, Mythical National Champions, Succeeds Wes Fry

Stanley Williamson, head coach at Oklahoma City university in 1934, and former center and captain of the Trojans of the University of Southern California, has been named assistant football coach at Kansas State college, succeeding Wes Fry who a week earlier was promoted to head coach succeeding Lynn Waldorf, who is going to Northwestern.

Both Williamson and Fry were trained under Howard Jones—Fry for two years as quarterback at the University of Iowa and Williamson at Southern California.

Williamson, one of the best centers developed on the Pacific coast, was called by Howard Jones "the greatest leader of any team I have coached." He was captain of the 1931 mythical national champions. Williamson remained at Southern California for graduate work in physical education the following year and assisted in football coaching.

In 1932 he went to Classen high school at Oklahoma City, succeeding Fry who had gone to Oklahoma City university. When Fry came to Kansas State last fall Williamson succeeded him at O. C. U. He took over a squad which had been unable to have a freshman team the previous year because of financial difficulties. He started with a squad of only 20 men for one of the heaviest schedules the school had undertaken.

In the last game of the 1934 season Williamson had only 14 eligible men and defeated the Oklahoma Aggies with 13 of them.

Secure Highway Jobs

Victor Venard and John W. Frazier, who completed work on their degrees at the end of the first semester, have obtained jobs in the construction department of the state highway commission.

SAYS TESTING CONCRETE WORTH MANY TIMES COST

HIGHWAY ENGINEER PRAISES RESULTS OF RESEARCH

Information Obtained by College Is Highly Beneficial to Builders of Concrete Structures and Pavements, H. D. Barnes Says

Research work at Kansas State college on the durability of concrete and the development of tests by which it can be measured and predicted has resulted in great saving to highway builders and to all users of concrete in Kansas, H. D. Barnes, state highway engineer, believes.

Ten years ago, when the road materials testing laboratory started work on the problem under direction of Prof. C. H. Scholer, there was no known method by which concrete materials or the concrete could be tested to insure its having a high degree of durability under ordinary weathering action.

Much disintegration of concrete had been observed over Kansas, but the engineering profession as a whole was inclined to attribute this disintegration to alkali water. One of the first roads surfaced in Kansas was of stone which disintegrates rapidly under freezing and thawing action, and has had to be entirely resurfaced.

MUCH FIELD WORK

About 1925 the road materials laboratory at the college started a program consisting of a field survey of concrete structures over the state. This included an examination of the structure, examination of the records of construction, and sampling of testing of water in the streams. Concrete specimens of a definitely known character were placed in the streams at various sites over the western part of the state. This work was supplemented by laboratory work in which artificial freezing and thawing apparatus was used.

Data obtained disclosed that when concrete had the proper characteristics such as proper cement and water content that disintegration did not take place; that there was not sufficient alkali concentration in any of the Kansas streams to cause disintegration and that stone from certain sources over the state could not be used in concrete work due to its susceptibility to disintegration by freezing action.

METHODS WIDELY USED

Using methods developed here the state highway department now is able to investigate all materials used in highway construction and can be assured that no such failure will occur again.

Every state in the union with a climate producing severe weathering action is now using testing methods similar to those developed at Kansas State; and the federal bureau of public roads is being guided by information developed here. Accounts of the work have been printed in translation in England, Germany, the Scandinavian countries, and Russia. Many problems along this line remain to be solved, Professor Scholer says.

"The college has pioneered in this work and the results have been highly beneficial to builders of concrete structures and pavements over the entire state," said H. D. Barnes, Kansas state highway engineer. "Research of this type should be encouraged. It returns to the state many times its cost in the saving made by lengthening the life of structures and pavement."

DIETETICS MAJORS HELPED BY PLACEMENT COMMITTEE

Five Faculty Women Do Work of Finding Position to Which Each Girl Is Best Adapted

The 43 dietetics majors to be graduated from the Kansas State college division of home economics this June will have systematic aid in getting a job. A faculty committee of five formed this winter puts into the hands of the 43 material as to hospitals in the American Dietetics association accredited group; whereupon the students note their preferences.

This committee has first hand information as to the hospitals, their personnel, their peculiar demands and prejudices, gained from visiting them; they also know intimately the strength and weakness of each student being graduated. By matching the two, they can advise each as to which hospital she would fit best into and permits her to apply for a position there as apprentice dietitian.

This prevents having all 43 compete with each other for coveted positions, with the resultant unfavorable impression upon hospital authorities.

The Johns Hopkins university hospital, the Walter Reed army hospital in Washington, D. C., others in Boston, Indianapolis, Cleveland, Philadelphia, Portland, Chicago, have accepted many graduates for apprentice work and are the most desired places.

Committee members are Assistant Dean Ahlborn, Dr. Martha Kramer and Dr. Martha Pittman of the foods department, and Mrs. Bessie Brooks West and LeVelle Wood of the institutional economics department. Mrs. West and Doctor Kramer visited many hospitals in the east last summer, interviewing those in charge. The recommended applications will go out the first of February.

EIGHT VARSITY SPORTS SCHEDULES ANNOUNCED

Basketball and Wrestling Under Way—Boxing, Baseball, Tennis, Track, Golf, Swimming Later

Schedules of eight intercollegiate sports, recently announced by the athletic department, include a variety of contests for the followers of Kansas State college sports for the remainder of the school year.

Basketball and wrestling are already under way but the opening dates of boxing, baseball, tennis, indoor and outdoor track, golf, and swimming will be later. Many of the dates are open or only tentative.

The spring schedule now includes:

WRESTLING

January: 31—Oklahoma here. February: 7—Nebraska here; 9—Iowa State here; 14—Central Oklahoma Teachers here; 28—Kansas here. March: 1 and 2—Kansas high school tournament here; 8 and 9—Big Six meet at Ames, Iowa; 22 and 23—national collegiate meet at Lehigh, Pa. Early April—national A. A. U. meet, Oklahoma City.

BOXING

February: 4—St. Benedict's here; 11—Missouri here; 18—Missouri here; 25—Nebraska here. March: 4—Nebraska here; 11—St. Benedict's here. Date not set—national collegiate meet.

BASEBALL

April: 16-17—Missouri here; 26-27—Nebraska here; 29-30—Missouri here; May: 3-4—Nebraska here; 10-11—Oklahoma here; 17-18—Iowa State here.

TENNIS

April: 13—Nebraska here; 24—Kansas here. May: 1—Kansas here; 11—Nebraska here; 17-18—conference meet at Lincoln.

INDOOR TRACK

February: 16—Nebraska here; 23—Missouri here. March: 2—K. C. A. C. at Kansas City; 8-9—conference meet at Columbia; 16—Armour Tech relays at Chicago; 23—Butler relays at Indianapolis.

OUTDOOR TRACK

April: 20—Kansas relays at Lawrence; 26-27—Drake relays at Des Moines. May: 4—triangular meet (K. U., N. U., K. S. C.) at Lawrence. Date not set—Oklahoma here; 17-18—conference meet at Lincoln.

GOLF

May: 17-18—conference meet at Lincoln.

SWIMMING

March: 8-9—conference meet at Lincoln. The dual meets have not been scheduled.

Dean Seaton Entertains

Dean R. A. Seaton of the division of engineering entertained with his annual reception for members of the engineering faculty at the country club January 19. More than 100 faculty men and their wives were present.

On the average sorghum silage is worth as much, ton for ton, as corn silage for beef cattle or sheep.

PROGRESS MADE ON SOIL EROSION DESPITE DROUTH

MORE THAN 800 MILES TERRACES IN JEWELL COUNTY

Farmers in Limestone Creek Watershed Have Placed 78,060 Acres under Cooperative Agreement the First Year

Three hundred and fifty-six farmers in the Limestone creek watershed southwest of Mankato have placed 78,060 acres of their land under cooperative agreement with the department of the interior during the first year of operation of the Kansas soil erosion service. The figures are up-to-date calculations of Dr. F. L. Duley, director of the erosion program in Kansas, one of 21 such recently established projects.

PROGRESS ON PROGRAM

Though hindered by drouth in 1934, progress was made on numerous soil erosion and land reclamation measures attempted near here, the record shows. More than 800 miles of terraces were constructed on Jewell county land, the total area affected being 15,348 acres. Other work accomplished along this line included: 45 miles of outlet channels built, 3,838 wire checks in outlet channels, 9,636 dams built in terrace lines, 12.61 miles of interception ditches, 1,454 brush dams, 118 rock dams.

Twelve ponds were constructed and 1,022 acres were surveyed for contour field divisions. Detailed soil, slope, and erosion surveys were made for 64,920 acres, and reconnaissance erosion surveys for Kansas (part of national survey) were made for 82,158 acres.

MUCH LAND SEEDED

In spite of the drouth, 3,310 acres of Jewell county land has been or will be planted to alfalfa as a part of this project, 3,961 acres will be seeded to sweet clover, and 463 acres will be removed from cultivation and planted to grass.

This spring 250,000 trees will be planted for erosion control.

The summary by Doctor Duley shows also that ground water studies are being made in 47 wells, 17 of them around ponds. Three stream gauging stations and 26 rain gauges have been established. On special field days 2,006 visitors from 13 states and 50 Kansas counties studied the work being done by the soil erosion service.

Basketball Schedule

*Dec. 14—Kansas State 39, Kansas U. 35.
*Dec. 18—Kansas State, 26, Kansas U. 40.
Jan. 4—Kansas State 32, Oklahoma U. 38.
Jan. 5—Kansas State 34, Oklahoma U. 47.
*Jan. 7—Kansas State 27, Oklahoma City U. 36.
*Jan. 8—Kansas State 34, Wichita U. 50.
Jan. 11—Kansas State 14, Kansas U. 40.
Jan. 14—Kansas State 25, Iowa State 29.
Jan. 21—Kansas State 47, Nebraska 41.
Jan. 26—Kansas State 37, K. U. 43.
Feb. 1-2—Missouri U. at Manhattan.
Feb. 8-9—Missouri U. at Columbia.
Feb. 15-16—Oklahoma U. at Manhattan.
Feb. 22-23—Kansas U. at Manhattan.
Mar. 4—Iowa State at Ames.
Mar. 2—Nebraska U. at Lincoln.
*Indicates non-conference.

Lambs can be fattened for market more advantageously in Kansas than in most any other state through the utilization of sorghum crops.

Sure We Are Proud of Kansas State

"Kansas State college is my alma mater, and one of us boasts of it," writes J. U. Higinbotham, '86, prominent columnist in a California newspaper. He is proud of Kansas State college as we all are, because she turns out so many fine winners—Home Ecs, Ags, Engineers, G. S.'s, Vets, Scholars, Athletes—good folks who like to win modestly.

We hope you have enough pride and confidence in your alumni association to send \$3 for an annual membership or \$50 for a life membership and thereby help Kansas State turn out more winners.

Kindly fill out the blank below and send it with your check to the Alumni Office, Kansas State college, Manhattan, Kan. Be sure and add some news about yourself on the reverse side of this blank form.

☐ Annual Membership \$3.00
INDUSTRIALIST for One Year

Life Membership (INDUSTRIALIST for Life)

I, _____, of the _____ class of K. S. C. do hereby apply for life membership in the K. S. C. Alumni Association. In consideration I promise to pay the following amounts when due:

1. ☐ \$50.00 on or before.....1, 193....

2. ☐ \$50.00 in 10 successive monthly instalments of \$5 each, beginning.....1, 193....

3. ☐ \$13.00 on or before.....1, 193....
\$12.40 on or before June 1, 193....
\$11.80 on or before June 1, 193....
\$11.20 on or before June 1, 193....
\$10.60 on or before June 1, 193....

Signed

The Kansas Magazine

The Kansas State College Press published yesterday, Kansas day, the third issue of a revival of The Kansas Magazine, first issued in 1872. The magazine will be more than 100 pages, and includes serious and humorous essays, articles, short stories, verse, and eight full page reproductions of the work of Kansas artists. Among the contributors are W. A. White, Marion Ellet, E. E. Kelley, Roland Jacquart, Helen Sloan Sorrells, May Williams Ward, John Gilchrist, Cora G. Lewis, John P. Harris, to name only a few. The magazine is a non-profit project depending entirely on copy sales. There are only 1,000 copies for sale. If you would like to order one please mail in the blank below.

KANSAS STATE COLLEGE PRESS, BOX 237

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